

GPC14H

2- to 5-Ton PACKAGED AIR CONDITIONER

UP TO 14 SEER

COOLING CAPACITY: 24,000 - 57,500 BTU/H

Product Features

- Energy-efficient compressor with internal relief valve
- EEM blower motor
- · Quiet horizontal discharge
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- 5 kW to 20 kW electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; three heights



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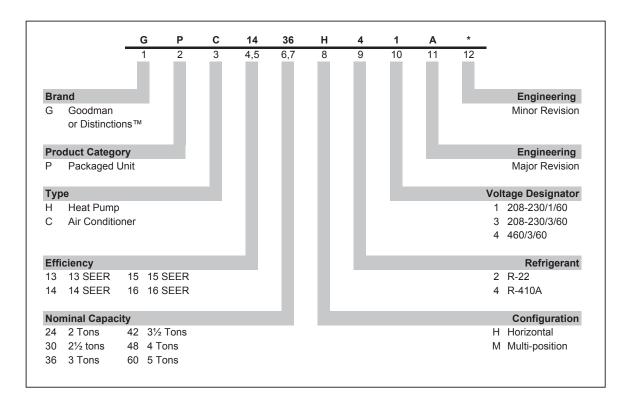




* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Ouébec



Nomenclature





Important EnergyStar Notice: EnergyStar ratings are dependent upon conditions beyond equipment installation. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

Models	GPC14 24H41AC	GPC14 30H41AA	GPC14 30H41AC	GPC14 36H41AA	GPC14 36H41AC
COOLING CAPACITY					
Cooling Capacity (BTU/h)	24,600	28,400	28,400	35,600	35,600
Sensible BTU/h	18,200	21,600	21,600	27,100	27,100
SEER / EER	14.5 / 12.1	14.0 / 12.1	14.0 / 12.1	14.0 / 12.0	14.0 / 12.0
Decibels	76	76	76	78	78
AHRI Numbers	4635463	4635475	4635464	4635476	4635465
EVAPORATOR MOTOR					
Туре	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	10 x 8				
Cooling CFM	850	1,050	1,050	1,200	1,200
Fan-Only CFM	800	950	950	1,100	1,100
RLA	1.5	1.86	1.86	1.86	1.86
No. of Speeds	5	5	5	5	5
Horsepower - RPM	½ - 1050	½ - 1050	½ - 1050	½ - 1050	½ - 1050
EVAPORATOR COIL					
Face Area (ft²)	5.25	5.25	5.25	5.2	5.2
Rows Deep/ Fins per Inch	3/ 16	3/ 16	3/ 16	3/ 14	3/ 14
Indoor Orifice Size	0.057	0.062	0.062	0.068	0.068
Filter Size (")	20 x 20 x 1	20 x 25 x 1	20 x 25 x 1	25 x 25 x 1	25 x 25 x 1
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Charge (oz.)	59	78	53	80	65
CONDENSER FAN / COIL					
Horsepower - RPM	1/6 - 815	14 - 830	1/6 - 815	14 - 830	1/4 - 830
RLA/LRA	1.1 / 1.7	1.5 / 3.0	1.1 / 1.7	1.5 / 3.0	1.5 / 3.0
Fan Diameter/ # Fan Blades	22 / 2	22 / 3	22 / 2	22 / 3	22/3
Face Area (ft²)	12.3	13.4	12.3	13.4	12.3
Rows Deep/ Fins per Inch	1/26	1 / 24	1/26	1/24	1/26
COMPRESSOR					
Quantity	1	1	1	1	1
Туре	Scroll	Recip	Scroll	Scroll	Scroll
Stage	Single	Single	Single	Single	Single
Compressor RLA/LRA	13.5 / 58.3	9.8 / 55	12.8 / 64	16.7 / 79	16.7 / 79
ELECTRICAL DATA					
Voltage-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	1.5	1.86	1.86	1.86	1.86
Outdoor Fan RLA	1.1	1.5	1.5	1.5	1.5
Total Unit Amps	16.1	13.16	15.76	20.06	20.06
Min. Circuit Ampacity ¹	19.5	15.6	19	24.2	24.2
Max. Overcurrent Protection (amps) ²	30	25	30	40	40
SHIP WEIGHT (LBS)	290	310	290	370	370
OPERATING WEIGHT (LBS)	280	300	280	360	360

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Note: Always check the S&R plate for electrical data on the unit being installed.

² May use fuses or HACR-type circuit breakers of the same size as noted.

SPECIFICATIONS

MODELS	GPC14 42H41AA	GPC14 42H41AC	GPC14 48H41AA	GPC14 48H41AC	GPC14 60H41A*
COOLING CAPACITY					
Cooling Capacity (BTU/h)	40,000	40,000	46,500	46,500	57,500
Sensible BTU/h	30,400	30,400	35,300	35,300	40,800
SEER / EER	14.2 / 12.0	14.2 / 12.0	14.5 / 12.0	14.5 / 12.0	14.2 / 12.0
Decibels	78	78	80	80	80
AHRI Numbers	4635477	4635466	4635478	4635467	4385084
EVAPORATOR MOTOR	•	•	•	,	
Туре	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	11 x 8
Cooling CFM	1,300	1,300	1,600	1,600	1,600
Fan-Only CFM	1,200	1,200	1,400	1,400	1,600
RLA	2.9	2.9	2.9	2.9	2.9
No. of Speeds	5	5	5	5	5
Horsepower - RPM	½ - 1050	½ - 1050	¾ - 1050	¾ - 1050	³4 - 1050
EVAPORATOR COIL	<u>'</u>	•	'	'	
Face Area (ft²)	6.2	6.2	6.2	6.2	7.0
Rows Deep/ Fins per Inch	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14
Indoor Orifice Size	0.072	0.072	0.078	0.078	0.088
Filter Size (")	(2) 20 x 20 x 1	(2) 20 x 25 x 1			
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Charge (oz.)	120	94	125	90	190
CONDENSER FAN / COIL	<u>'</u>	•	'	'	
Horsepower - RPM	½ - 1075	1/4 - 1075	1/4 - 1075	1/4 - 1075	1/4 - 1075
RLA/LRA	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17	16	19.1	19.5	19.1
Rows Deep/ Fins per Inch	1 / 24	1 / 28	1/21	1/28	2 / 16
COMPRESSOR					
Quantity	1	1	1	1	1
Туре	Scroll	Scroll	Scroll	Scroll	Scroll
Stage	Single	Single	Single	Single	Single
Compressor RLA/LRA	17.9 / 112	17.9 / 112	19.9 / 109	19.9 / 109	26.4 / 134
ELECTRICAL DATA					
Voltage-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	2.9	2.9	2.9	2.9	2.9
Outdoor Fan RLA	1.4	1.4	1.4	1.4	1.4
Total Unit Amps	22.2	22.2	24.2	24.2	30.7
Min. Circuit Ampacity ¹	26.6	26.6	29.1	29.1	37.3
Max. Overcurrent Protection (amps) ²	40	40	45	45	60
SHIP WEIGHT (LBS)	370	370	400	400	400
OPERATING WEIGHT (LBS)	360	360	390	390	390

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

 $^{^{\}rm 2}\,$ May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

AIRFLOW DATA

Money	Corre	V					E.S.P. (IN	. OF H₂O)			
MODEL	SPEED	V	OLTS	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
	T4	220	CFM	934	759	755	638	581	489	-	-
	T1	230	Watts	95	77	76	73	83	90	-	-
GPC14	T2 T2	220	CFM	990	837	801	744	696	652	601	-
24H41**	T2,T3	230	Watts	107	94	105	110	119	133	142	-
	T4 TF	220	CFM	1061	989	947	925	876	-	-	-
	T4, T5	230	Watts	126	134	146	158	169	-	-	-
	T4	220	CFM	1022	929	894	829	797	748	695	643
	T1	230	Watts	116	114	126	134	144	156	168	173
GPC14	T2 T2	220	CFM	1103	1063	1012	962	937	-	-	-
30H41**	T2,T3	230	Watts	142	154	165	173	185	-	-	-
	T4 T5	220	CFM	1285	1240	1202	1163	1124	1076	1046	1003
	T4, T5	230	Watts	205	218	231	244	257	268	280	288
	T4	220	CFM	1234	1111	1071	1024	933	922	-	-
	T1	230	Watts	144	140	152	164	179	183	-	-
GPC14	T2 T2	220	CFM	1287	1232	1186	1133	1099	1053	-	-
36H41**	T2,T3	230	Watts	162	175	187	201	213	221	-	-
	T4 T5	220	CFM	1381	1325	1277	1233	1181	1144	-	-
	T4, T5	230	Watts	195	203	217	233	247	258	-	-
	T4	220	CFM	1272	1197	1145	1106	1055	998	947	906
	T1	230	Watts	160	168	183	191	211	220	230	243
GPC14	T2 T2	220	CFM	1357	1297	1244	1194	1147	1099	1049	1008
42H41**	T2,T3	230	Watts	188	202	213	228	245	255	267	284
	T4 T5	220	CFM	1537	1478	1431	1386	1336	1293	1253	1208
	T4, T5	230	Watts	244	258	274	288	303	317	329	341
	Т1	220	CFM	1418	1383	1349	1312	1275	1228	1178	1141
	T1	230	Watts	242	258	273	282	299	308	320	338
GPC14	T2 T2	220	CFM	1175	1635	1645	1515	1510	1450	1430	1400
48H41**	T2,T3	230	Watts	395	420	435	445	455	465	470	475
	T4 TF	220	CFM	1845	1790	1715	1685	1590	1580	1530	1500
	T4, T5	230	Watts	490	505	520	535	550	560	570	575
	T4 T2 T2	220	CFM	1775	1635	1645	1515	1510	1450	1430	1400
GPC14	T1,T2,T3	230	Watts	395	420	435	445	455	465	470	475
60H41**	T4 TF	220	CFM	2025	1900	1840	1780	1725	1650	1620	1580
	T4, T5	230	Watts	575	595	620	630	645	655	660	670

Note: Speed is set at T2 at factory.

Expanded Cooling Data — GPC1424H41AC

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320 - 320 345 364 - 360 388 409 - 139 - 126 134 146 - 132 140 153 - 23.4 - 20.1 20.8 22.8 - 19.1 19.8 21.7 - 0.42 - 0.75 0.62 0.43 - 0.78 0.65 0.45 - 13 - 19 17 13 - 19 16 12 - 1.72 - 1.72 1.76 1.82 - 1.79 1.83 1.90 - 3.77 - 7.8 7.9 8.2 - 8.2 8.4 8.6 - 3.70 - 3.1 3.4 3.53 - 3.50 3.75 307 -	Amps 6.5 6.7 6.9 - 7.0 7.1 7.3	6.5 6.7 6.9 - 7.0 7.1	6.9 - 7.0 7.1	- 7.0 7.1	7.1	7.1		7.3		_	7.5	7.7	7.9				8.4	\dashv				\dashv	9 9.1	1 9.3	
139 - 126 134 146 - 132 140 153 - 23.4 - 20.1 20.8 22.8 - 19.1 19.8 21.7 - 0.42 - 0.75 0.62 0.43 - 0.78 0.65 0.45 - 1.3 - 19 17 13 - 19 16 12 - 1.72 - 1.72 1.76 1.82 - 1.79 1.83 1.90 - 3.7 - 7.8 7.9 8.2 - 8.2 8.4 8.6 - 3.7 3.1 3.4 35.3 - 35.0 37.5 397 -	HIPR 220 237 250 - 247 266 281	220 237 250 - 247 266	250 - 247 266	- 247 266	266	266		281			281	303	320	-			364	Н			601	. 39	8 428	8 452	'
23.4 - 20.1 20.8 22.8 - 19.1 19.8 21.7 - 0.42 - 0.75 0.62 0.43 - 0.78 0.65 0.45 - 13 - 19 17 13 - 19 16 12 - 1.72 - 1.72 1.76 1.82 - 1.79 1.83 1.90 - 3.77 - 7.8 7.9 8.2 - 8.2 8.4 8.6 - 3.11 3.4 3.53 3.50 3.75 307 -	LO PR 109 116 127 - 115 123 134	109 116 127 - 115 123 134	127 - 115 123 134	- 115 123 134	123 134	123 134	134			_	120	128	139	-			146	\dashv				\exists	7 145	5 159	'
0.42 - 0.75 0.62 0.43 - 0.78 0.65 0.45 - 13 - 19 17 13 - 19 16 12 - 1.72 - 1.75 1.76 1.82 - 1.79 1.83 1.90 - 7.7 - 7.8 7.9 8.2 - 8.4 8.6 - 310 - 311 334 353 - 350 375 397 -	MBh 21.6 22.4 24.5 - 21.1 21.9 24.0	21.6 22.4 24.5 - 21.1 21.9	22.4 24.5 - 21.1 21.9	- 21.1 21.9	21.9	21.9		24.0			20.6	21.3	23.4	-			22.8	\dashv			1.7	17	.7 18.3	3 20.1	_
13 - 19 17 13 - 19 16 12 - 1.72 - 1.72 1.76 1.82 - 1.79 1.83 1.90 - 7.7 - 7.8 7.9 8.2 - 8.2 8.4 8.6 - 310 - 311 334 353 - 350 375 397 -	S/T 0.68 0.57 0.39 - 0.71 0.59 0.41	0.57 0.39 - 0.71 0.59	0.57 0.39 - 0.71 0.59	- 0.71 0.59	0.59	0.59		0.41		-	0.72 (09.0	0.42	-			0.43	\exists				\exists	8 0.65	5 0.45	-
1.72 - 1.72 1.72 1.76 1.82 - 1.79 1.83 1.90 - 7.7 - 7.8 7.9 8.2 - 8.2 8.4 8.6 - 310 - 311 334 353 - 350 375 397 -	ΔT 19 16 12 - 19 16 12	16 12 - 19 16	12 - 19 16	- 19 16	16	16		12		_	19	16	13	-	19	17	13	_				_	3 15	12	'
310 - 31 334 353 - 8.2 8.4 8.6 - 310 - 311 334 353 - 350 376 307 -	kW 1.42 1.45 1.50 - 1.53 1.56 1.62	1.45 1.50 - 1.53 1.56	1.50 - 1.53 1.56	- 1.53 1.56	1.56	1.56		1.62		1	1.63	1.67	1.72	-			1.82					\dashv	1.90	0 1.97	- '
310 - 311 334 353 - 350 376 397 -	Amps 6.4 6.5 6.7 - 6.8 7.0 7.2	6.4 6.5 6.7 - 6.8 7.0	6.7 - 6.8 7.0	- 6.8 7.0	7.0	7.0		7.2		-	7.3	7.5	7.7	-			8.2	Н				Н	8.8	3 9.1	'
1.00 0.00 0.00 TTC 0.00 0.10	HIPR 214 230 243 - 240 258 273	214 230 243 - 240 258	243 - 240 258	- 240 258	258	258		273		_	273	294	310	-	311	334	353	-	350 3	376 3	397		6 416	5 439	'
24 135 - 122 130 142 - 128 136 149 - 132	LO PR 106 113 123 - 112 119 130	106 113 123 - 112 119	113 123 - 112 119	- 112 119	119	119		130			116	124	135	\vdash			142	Н				Н	2 141	1 154	-

			920					_		75 820							720			
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR
24.5	0.84 (21	1.48	9.9	225	111	23.8	08.0	21	1.47	9.9	223	110	22.0	0.77 (22	1.43	6.4	216	107
25.2 2	0.75 0	19	1.51 1	6.8	242 2	119 1	24.5 2	0.72 0	20	1.50 1	6.7	240 2	117 1	22.6 2	0.69 0	20	1.46 1	9.9	232 2	114 1
27.3 2	0.57 0	16	1.56 1	7.0 7	255 2	129 1	26.5 2	0.54 0	16	1.55 1	6.9	253 2	128 1	24.5 2	0.52 0	16	1.51	6.7	245 2	124 1
29.3 2	0.37 0	11	1.61 1	7.2	266 2	138 1	28.5 2	0.35 0	11	1.60 1	7.1 7	264 2	136 1	26.3 2	0.34 0	11	1.56 1	7.0	256 2	132 1
23.9 2	0.87 0.	21 1	1.60 1.	7.1 7	252 2	118 1	23.2	0.83 0	22 2	1.58 1.	7.0 7	250 2	117 1	21.5 2.	0.80 0.	22 2	1.54 1.	6.9	242 2	113 1
24.7 2	78	19	1.63 1	7.2 7	271 2	125 1	23.9 2	0.74 0	20	1.62 1	7.2 7	269 2	124 1	22.1 2	72	20	58 1	7.0 7	261 2	120 1
26.7 2	0.59 0	16	1.69 1	7.5 7	287 2	137 1	25.9 2	0.56 0	16	1.67	7.4 7	284 2	135 1	23.9 2	0.54 0	17	1.63 1	7.2 7	275 2	131 1
28.6 23	0.38 0.	11 2	1.74 1.	7.7	299 2	146 1	27.8 2.	0.36 0	11 2	1.73 1.	7.6 7	296 2	144 1	25.7 20	0.35 0	11 2	1.69 1.	7.5 7	287 2	140
23.4 24	0.89 0.	21 1	.70 1.	7.6 7	287 3	122 1	22.7 23	0.85 0.	22 2	1.69 1.	7.6 7	284 3	121 1	20.9 2:	0.82 0.	22 2	1.64 1.	7.4 7	276 2	118
24.1 26	0.80	19 1	1.74 1.	7.8 8	309 3	130 1	23.4 25	0.76 0.	20 1	1.73 1.	7.7 8	306 3	129 1	21.6 23	0.74 0.	20 1	1.68 1.	7.5 7	297 3	125 1
26.0 28	0.61 0.	16 1	.80 1.	8.0 8	326 3	142 1	25.3 2.	0.58 0.	16 1	1.78 1.	8.0 8	323 3	141 1	23.3 2	0.56 0.	17 1	1.74 1.	7.8 8	313 3	136 1
28.0 2.	0.39 0	11 2	1.86 1.	8.3 8	340 3	151 1	27.1 2	0.37 0	11	1.85 1.	8.2	337 3	150 1	25.1 2	0.36 0	11 2	1.80 1.	8.0	327 3	145 1
22.8 2	0.92 0.	21 1	1.79 1.	8.1 8	327 3	129 1	22.1 2.	0.88 0	22	1.78 1.	8.0 8	324 3	127 1	20.4 2:	0.85 0.	22 2	1.73 1.	7.8 8	314 3	123 1
23.5 25	0.83 0.	19 1	.84 1.	8.3 8.	352 3	137 1	22.8 24	0.79 0.	20 1	1.82 1.	8.2 8.	348 3	135 1	21.0 22	0.76 0.	20 1	1.77 1.	8.0 8.	338 3	131 1
25.4 27.3	0.62 0.40	16 1	1.90 1.9	5	371 38	149 15	24.7 26	0.60 0.3	16 1	1.88 1.9	4	368 38	148 15	22.8 24	0.57 0.37	17 1	1.83 1.90	2	357 37	143 15
\dashv	Н	11 2	1.96 1.8	8.8 8.	387 36	159 13	26.5 21	0.38 0.	11 2	1.95 1.8	8.7 8	383 36	157 13	24.4 19	_	12 2	Н	8.5 8.	372 35	153 17
21.7 22.3	0.96 0.8	21 19	87 1.	9	368 39	135 143	21.0 21.7	0.91 0.8	22 20	1.86 1.90	8.5 8.	364 39	133 142	19.4 20.0	0.88 0.79	22 20	1.81 1.85	.3 8.	353 380	129 138
3 24.1	0.86 0.65	19 16	92 1.98	8.7 9.0	396 418	13 156	7 23.4	.82 0.62	0 16	90 1.96	7 8	392 414	12 155	0.0 21.6	09:0 62	20 16	85 1.91	.5 8.	30 401	38 150
.1 25.		6 11				6 167		52 0.40			.6 6.	.4 431			50 0.38		91 1.98	7 9		091 09
6	0.42 0.97	_	2.05 1.9	9.3 9.0	436 40	\vdash	25.2 19.5	_	11 2	2.03 1.92	2 8.9	_	165 13	23.2 18.	0	11 2	Ţ.	0 8.	418 390	H
20.1 20.7	98.0 26	19 18	.94 1.9	0 9.2	406 437	139 148	.5 20.1	0.92 0.82	20 19	1.97	9 9.1	402 433	138 147	.0 18.	.89 0.79	20 19	87 1.92	7 8	90 420	134 142
7 22.4	6 0.65	15	.99 2.05	2 9.5	7 462	3 162	1 21.7	2 0.62	15	7 2.04	1 9.4	3 457	7 160	5 20.0	09.0 6	15	2 1.98	.9 9.2	0 443	2 155
4 24.0	5 0.42	10	5 2.13	9.8	481	172	7 23.3	2 0.40	10	4 2.11	9.7	477	171	21.5	0.39	11	3 2.05	9.5	3 462	166

 $\label{eq:cca} \text{CCA (TVA) conditions.} \qquad \text{kW} = \text{total system power} \\ \text{Amps: Unit amps (comp.+ evaporator + condenser fan motors)}$

Shaded area reflects ACCA (TVA) conditions.

Expanded Cooling Data — GPC1424H41AC (cont.)

	П		71	23.8	09.0	14	2.15	6.6	486	174	23.1	0.58	15	2.13	8.6	482	172	21.4	0.56	15	2.07	9.6	467	167
			-	3		18 1				163 17														
	115		9 67	9 22.	0 0.81		0 2.07	9.6	2 466		3 21.6	5 0.77	19	9 2.05	2 9.5	7 462	8 162	7 20.0	1 0.74	19	93 2.00	9.3	4 448	4 157
			63	4 20.9	0 1.00	21	6 2.00	1 9.3) 442	1 150	8 20.3	0 0.95	22	4 1.99	9.2	5 437	9 148	3 18.7	7 0.91	22	1	3 9.0	4 424	5 144
			29	20.	0 1.00	20	7 1.96	9.1	410	141	19.8	7 1.00	22	5 1.94	0.6	406	139	18.3	5 0.97	23	1.89	8.8	394	135
			71	25.7	09.0	15	2.07	9.4	440	168	1 25.0	0.57	16	2.05	9.3	436	167	23.1	0.55	16	2.00	9.1	423	162
	105		67	24.1	0.80	19	2.00	9.1	422	158	23.4	92.0	20	1.98	9.0	418	156	21.6	0.74	20	1.93	8.8	405	152
	` '		63	22.5	1.00	23	1.93	8.8	400	145	21.9	0.94	23	1.92	8.7	396	143	20.2	0.91	23	1.87	8.5	384	139
			59	22.0	1.00	22	1.89	9.8	371	136	21.4	1.00	24	1.87	9.8	368	135	19.8	0.97	24	1.82	8.3	357	131
		ш	71	27.1	0.58	16	1.98	8.9	391	161	26.3	0.55	16	1.96	8.8	387	159	24.3	0.53	16	1.91	9.8	376	154
JRE	95	RATUR	67	25.3	0.77	20	1.91	9.8	375	151	24.6	0.74	20	1.90	8.5	371	149	22.7	0.71	21	1.85	8.3	360	145
PERAT	51	TEMPE	63	23.7	0.95	23	1.85	8.3	355	138	23.0	0.91	23	1.84	8.3	352	137	21.3	0.87	24	1.79	8.1	341	133
OUTDOOR AMBIENT TEMPERATURE		T BULB	29	23.2	1.00	23	1.81	8.2	330	130	22.5	0.97	24	1.79	8.1	327	129	20.8	0.93	25	1.75	6.7	317	125
AMBIE		OR WE	71	27.8	0.56	16	1.88	8.4	344	153	27.0	0.53	16	1.86	8.3	340	151	24.9	0.51	16	1.81	8.1	330	147
TDOOR		IG INDO	67	26.0	0.75	19	1.81	8.1	329	144	25.2	0.71	70	1.80	8.0	326	142	23.3	69.0	20	1.75	7.8	316	138
O	82	ENTERING INDOOR WET BULB TEMPERATURI	63	24.3	0.92	22	1.76	7.9	312	131	23.6	0.88	23	1.74	7.8	309	130	21.8	0.85	24	1.70	7.6	300	126
			59	23.8	1.00	24	1.72	7.7	290	124	23.1	0.94	24	1.70	7.6	287	122	21.3	06.0	25	1.66	7.5	278	119
			71	28.4	0.55	16	1.76	7.8	302	147	27.6	0.52	16	1.74	7.7	566	146	25.5	0.50	16	1.70	7.5	290	141
			67	26.6	0.73	19	1.70	7.5	290	138	25.8	0.70	70	1.69	7.5	287	137	23.8	19.0	20	1.64	7.3	278	133
	75		63	24.9	06.0	22	1.65	7.3	274	127	24.2	98.0	23	1.63	7.2	272	125	22.3	0.82	24	1.59	7.1	263	122
			59	24.4	96.0	23	1.61	7.2	255	119	23.7	0.91	24	1.60	7.1	252	118	21.8	0.88	25	1.56	6.9	245	114
			71	29.1	$\overline{}$	15	1.63	7.2	569	139	28.3	0.50	16	1.61	7.2	267	138	26.1	0.48	16	1.57	7.0	259	134
			29	27.2	0.70 t	19	1.57	7.0	258	131	26.4	0.67	20	1.56	7.0	256	129	24.4	0.65	20	1.52	8.9	248	126
	65		63	25.5).87 (22	.52	8.9	244	120	24.8	0.83 (23	1.51	8.9	242	119	22.8	0.80	23	1.47	9.9	235	115
			59	25.0 2	0.92 0.87 0.70 0.53	23	1.49 1.52 1.57	6.7	227 2	113 1	24.2 2	0.88	24	1.48 1	9.9	225 2	111	22.4 2	0.85 0	24	1.44 1	6.5	218 2	108
				MBh 2	S/T 0	ΔT	kW 1	Amps (HI PR 2	LO PR 1	MBh 2	S/T 0	ΔT	kW 1	Amps (HI PR 2	LO PR 1	MBh 2	S/T 0	ΔT	kW 1	Amps (HI PR 2	LO PR 1
			AIRFLOW	M	Š	◁		An	H	Γ 0	M	Š	⊲		An	H	$ \Gamma O $	\mathbb{M}	S,	◁		An	HI	Γ 0
							920							820				L			720			_
			IDB											80										

23.7	0.78	19	2.16	10.0	491	176	23.0	0.75	19	2.15	6.6	486	174	21.2	0.72	20	2.09	6.7	472	169
22.2	0.97	21	2.09	6.7	471	165	21.5	0.92	22	2.07	9.6	466	163	19.9	0.89	23	2.02	9.3	452	159
21.2	1.00	21	2.02	9.4	446	151	20.6	1.00	23	2.00	9.3	442	150	19.0	66.0	24	1.95	9.1	428	145
20.8	1.00	21	1.97	9.2	414	142	20.2	1.00	23	1.96	9.1	410	141	18.6	1.00	24	1.91	8.9	398	137
25.6	0.78	20	2.09	9.2	445	170	24.8	0.74	21	2.07	9.4	440	168	22.9	0.72	21	2.01	9.2	427	163
24.0	96.0	23	2.02	9.2	426	160	23.3	0.91	24	2.00	9.1	422	158	21.5	0.88	24	1.95	8.9	409	153
22.9	1.00	23	1.95	8.9	404	146	22.2	1.00	25	1.93	8.8	400	145	20.5	0.98	56	1.88	9.8	388	140
22.4	1.00	22	1.91	8.7	375	137	21.8	1.00	24	1.89	9.8	371	136	20.1	1.00	56	1.84	8.4	360	132
26.9	0.75	20	2.00	0.6	395	162	26.1	0.72	21	1.98	8.9	391	161	24.1	69.0	21	1.93	8.7	380	156
25.2	0.92	23	1.93	8.7	379	152	24.5	0.88	24	1.91	9.8	375	151	22.6	0.85	25	1.86	8.4	364	146
24.1	1.00	24	1.87	8.4	359	140	23.4	0.98	26	1.85	8.3	355	138	21.6	0.94	26	1.80	8.1	345	134
23.6	1.00	24	1.83	8.2	333	131	22.9	1.00	26	1.81	8.2	330	130	21.2	0.98	26	1.76	8.0	320	126
27.6	0.73	20	1.89	8.4	347	154	26.8	0.69	21	1.88	8.4	344	153	24.7	0.67	21	1.83	8.2	333	148
25.8	06.0	23	1.83	8.2	333	145	25.1	0.85	24	1.81	8.1	329	144	23.2	0.82	24	1.77	7.9	319	139
24.7	0.99	24	1.77	7.9	315	133	24.0	0.95	25	1.76	7.9	312	131	22.1	0.91	26	1.71	7.7	303	128
24.2	1.00	24	1.73	7.8	293	125	23.5	0.98	26	1.72	7.7	290	124	21.7	0.95	26	1.67	7.5	281	120
28.2	0.71	20	1.77	7.8	305	149	27.4	99.0	21	1.76	7.8	302	147	25.3	0.65	21	1.71	7.6	293	143
26.5	0.87	23	1.72	7.6	292	140	25.7	0.83	24	1.70	7.5	290	138	23.7	0.80	24	1.66	7.3	281	134
25.3	0.97	24	1.66	7.4	277	128	24.5	0.92	25	1.65	7.3	274	127	22.6	0.89	26	1.60	7.1	266	123
24.8	1.00	25	1.62	7.2	257	120	24.1	96.0	26	1.61	7.2	255	119	22.2	0.92	26	1.57	7.0	247	115
25.9 27.1 28.9	0.68	20	1.59 1.64	7.3	272	141	26.3 28.1	0.65	21	1.52 1.57 1.63	7.2	269	139	25.9	0.63	21	1.59	7.1	261	135
27.1	0.84	23	1.59	7.1	261	132		08.0	24	1.57	7.0	258	131	24.3	0.77	24	1.53	6.9	250	127
	0.93	24	1.54	6.9	247	121	25.1	68.0	25		8.9	244	120	, 23.2	98.0	25	1.49	6.7	237	116
25.4	0.97	25	1.50	6.7	229	114	24.6	0.92	25	1.49	6.7	227	113	22.7	0.89	26	1.45	6.5	220	109
MBh	L/S	$\perp \nabla$	М¥	Amps	HI PR	LO PR	MBh	S/T	ΔT	ΜY	Amps	HI PR	LO PR	MBh	L/S	$\perp \nabla$	kW	Amps	HI PR	LO PR
			920							820							720			
										82										

 $\mbox{conditions.} \qquad \mbox{kW} = \mbox{total system power} \\ \mbox{Amps: Unit amps (comp.+ evaporator + condenser fan motors)} \\$

Shaded area reflects AHRI (TVA) conditions.

Expanded Cooling Data — GPC1430H41AA

MBh 27.8 28.8 31.6 27.2 28.2 30.9 2.5 AMBh 27.8 28.8 31.6 27.2 28.2 30.9 2.5 AT 16 14 11 2.7 2.01 2.06 0.46 2.5 AMB 27.9 8.1 2.0 2.01 2.06 0.46 2.5 HIPR 240 258 272 2.01 2.06 2.12 2.5 LOPR 111 119 129 2.01 2.04 2.13 2.5 AT 17 15 11 2.5 2.04 2.11 2.5 AT 17 15 11 2.5 2.04 2.11 2.5 AT 17 15 11 2.5 2.04 2.11 2.5 HIPR 237 255 269 266 286 302 2.5 HIPR 237 255 269 266 286 302 2.5 HIPR 237 255 269 266 286 302 2.5 LOPR 110 117 128 2.1 1.2 1.2 1.3 2.5 LOPR 110 117 128 2.1 2.4 2.5 2.7 2.5 AT 17 15 11 2 1.1 1.2 1.2 1.3 2.5 AT 17 15 11 2 2.4 2.5 2.7 2.5 AT 17 15 11 2 3.4 3.5 2.5 2.5 AT 17 15 11 2 3.4 3.5 2.5 2.5 AT 17 15 11 2 3.4 3.5 2.5 2.5 AT 17 15 11 2 3.5 3.5 3.5 3.5 AT 17 15 11 2 3.5 3.5 3.5 3.5 AT 17 15 11 2 3.5 3.5 3.5 3.5 AT 18 1.90 2.13 2.5 3.5 3.5 3.5 HIPR 230 248 261 2.5 258 278 2.93 2.5 LOPR 118 1.90 2.5 2.5 2.5 2.5 2.5 HIPR 230 248 261 2.5 258 278 2.93 2.5 LOPR 110 114 124 1.91 2.1 2.5 2.5 2.5 HIPR 230 248 261 2.5 258 278 2.93 2.5 LOPR 100 114 124 1.3													0	OUTDOOR AMBIENT TEMPERATURE	AMBI	ENT TEN	IPERATI	JRE									
MBh 278 288 316 2 2 2 2 2 2 2 2 2					9	5				75			-*	35			٠,	35			10	5			115	2	
Mile 27.8 28.8 31.6 - 27.2 28.2 30.9 - 26.5 27.5 30.1 - 25.5 26.8 29.4 - 2 25.5 25.5 Mile 27.8 28.8 31.6 - 2 27.2 28.2 30.9 - 2 65.5 27.5 30.1 - 25.5 26.8 29.4 - 2 24.6 25.5 Mile 27.8 28.8 31.6 - 2 27.2 28.2 30.9 - 2 65.5 27.5 30.1 - 2 25.9 26.8 29.4 - 2 24.6 25.5 Amps 4.86 1.36 1.36 - 2 2.01 2.06 0.46 - 0 0.81 0.67 0.47 - 0 0.83 0.70 0.48 - 0 0.87 0.70 Mile 240 25.8 27.2 - 2 269 289 30.5 - 3 27.7 - 2 2.5 2.31 2.39 - 2 2.5 2.41 Mile 240 25.8 27.2 - 2 269 289 30.5 - 3 2.5 2.41 - 2 2.5 2.51 2.39 - 3 2.5 Mile 27.0 28.0 30.7 - 2 26.4 2.44 30.0 - 2 2.5 2.31 2.39 - 2 2.3 2.41 Mile 240 25.8 27.2 - 2 26.4 2.44 30.0 - 2 2.5 2.5 2.4 2.5 2.4 2.4 Amps 7.1 1.3 1.													ENTER	ING IND	OOR W	ET BULE	3 TEMPE	RATURE									
MMB 27.8 28.9 3.0.9 26.5 27.5 30.1 2.5 26.5 26.5 26.5 26.5 26.9 27.1 27.1 27.1 27.1 27.1 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.4 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.2	IDB	AIRF	-LOW	59	63	- 62	71	29	63	Н	71	29	63	29	-	29	63	29	71	29	63	29	71	29	63	- 69	71
Main	Г		MBh	27.8	28.8	31.6		27.2				26.5			١.	25.9	26.8		-	24.6	25.5	27.9	-	22.8	23.6	25.9	١.
HIND KW 1.86 1.90 1.96 - 2 201 2.06 2.12 - 2 2.4 2.9 2.7 - 2 2.26 2.31 2.39 - 2 2.3 2.41 HIND KW 2.0 2.8 2.2 2.2 2.01 2.06 2.12 - 2 2.4 2.9 2.7 - 2 2.6 2.31 2.39 - 2 2.3 2.41 HIND KAN 1.86 1.90 1.96 - 2 201 2.06 2.12 - 2 2.4 2.9 2.7 - 2 2.6 2.31 2.39 - 2 2.3 2.41 HIND KAN 2.0 2.8 2.2 2.2 2.2 2.8 2.2 2.3 2.3 2.4 2.9 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4			S/T	0.76		0.44		0.79				0.81	0.67	0.47	1	0.83			-	0.87	0.72	0.50	-	0.87	0.73	0.50	
1480 kW 1.86 1.90 1.96 2.01 2.06 2.12 2.14 2.19 2.27 2.26 2.31 2.39 2.36 2.40 2.25 2.31 2.39 2.36 2.39 2.36 2.31 2.39 2.30 2			ΔT	16	14	11		17	14		1	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	
HIPR 240 258 272 - 2 69 289 305 - 3 67 39 347 - 3 48 375 396 - 1 0.1 10.3 10.3 10.0 HIPR 240 258 272 - 2 69 289 305 - 3 306 329 347 - 3 48 375 396 - 3 92 421 10.0 HIPR 240 258 272 - 2 69 289 305 - 3 122 130 142 - 128 137 149 - 1 138 143 143 143 143 143 143 143 143 143 143		1180	kW	1.86	1.90	1.96	١.	2.01			-	2.14			-	2.26		2.39	-	2.36	2.41	2.50	-	2.44	2.50	2.59	
HIPR 240 258 272 - 8 69 289 305 - 9 120 347 - 9 348 375 396 - 9 392 421 LOPR 111 119 129 - 9 118 125 137 - 9 122 130 142 - 9 128 137 149 - 9 135 143 MBh 27.0 28.0 30.7 - 2 6.4 27.4 30.0 - 2 5.8 26.7 29.3 - 2 5.1 26.1 28.5 - 2 3.9 24.7 ATHOR 27.0 28.0 30.7 - 2 6.4 27.4 30.0 - 2 5.8 26.7 29.3 - 2 5.1 26.1 28.5 - 2 3.9 24.7 ATHOR 27.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8			Amps	7.7	7.9	8.1		8.3	8.5		-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.1	10.3	10.7	-	10.7	10.9	11.3	
MBH 27.0 28.0 30.7 2.6 27.4 30.0 - 5.8 26.7 29.3 - 5.1 4.9 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 149 - 135 147 15 11 2 15 11 0 15 11 0 17 15 11 0 17 15 11 0 17 15 11 0 17 15 11 0 17 15 11 17 15 11 1 15 11 11 12 12 11 12 11 12 12 12 12 12 12 12 1			HI PR	240	258	272		269			-	306	329	347	-	348	375	396	-	392	421	445	-	433	466	492	
MSh 27.0 28.0 30.7 26.4 27.4 30.0 - 25.8 26.7 29.3 - 25.1 28.5 - 25.0 28.5 28.7			LO PR	111	119	129		118			-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	
407 677 6.64 6.45 6.46 6.46 6.46 6.46 6.80 6.66 6.46 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.80 6.66 6.46 6.46 6.80 6.66 6.46 6.46 6.80 6.66 6.46 6.46 6.46 6.80 6.66 6.46 6.23 6.23 6.21 6.21 6.21 6.25 6.25 6.24 8.26 8.27 8.27 8.24 8.26 8.27 8.27 8.24 8.27 8.24 8.27 8.27 8.27 8.27 8.27 8.27 8			MBh	27.0	28.0	30.7		26.4			1	25.8			١	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	
MEN 17 15 11 15			S/T	0.73	0.61	0.42	٠.	0.75			-	0.77	0.64			0.80			-	0.83	69.0	0.48	-	0.83	0.70	0.48	
4050 kW 1.84 1.85 1.95 2.04 2.11 - 2.12 2.15 2.25 - 2.24 2.25 2.37 - 2.34 2.39 Amps 7.6 7.8 8.0 - 8.2 8.6 - 8.9 9.1 9.3 - 9.4 9.6 10.0 - 10.0			ΔT	17	15	11	٠	17	15		1	17	15	11	,	18	15	11	-	17	15	11	-	16	14	11	
Amps 7.6 7.8 8.0 - 8.6 - 8.9 9.1 9.3 - 9.4 9.6 10.0 - 10.0 <	2	1050	kW	1.84	1.89	1.95		1.99			1	2.12		2.25	1	2.24	2.29		-	2.34	2.39	2.47	-	2.42	2.48	2.56	
HHPR 237 255 269 - 2 66 286 302 - 3 303 326 344 - 3 45 371 392 - 3 88 417 120 HPR 24.9 25.8 28.3 - 2 117 124 135 - 2 121 129 141 - 127 135 148 - 133 142 142 143 142 143 142 143 142 143 143 142 143 143 143 143 143 143 143 143 143 143			Amps	7.6	7.8	8.0		8.2	8.4			8.9	9.1	9.3	'	9.4	9.6	10.0	-	10.0	10.2	10.6	-	10.6	10.8	11.2	٠
MBh 24.9 25.8 28.3 -2 24.4 25.2 27.7 -2 23.8 24.6 27.0 -2 23.2 24.0 26.3 -2 22.0 22.8 28.8 28.3 24.6 27.0 -2 23.2 24.0 26.3 -2 22.0 22.8 28.8 28.3 -2 24.4 25.2 27.7 -2 23.8 24.6 27.0 -2 23.2 24.0 26.3 -2 22.0 22.8 28.7 -2 27.0 -2 23.2 24.0 26.3 -2 22.0 22.8 28.7 -2 23.2 24.0 26.3 -2 22.0 22.8 28.8 27.0 -2 27.0			HI PR	237	255	269		266			1	303	326	344	1	345	371	392	-	388	417	441	-	428	461	487	
MBh 24.9 25.8 28.3 - 24.4 25.2 27.7 - 23.8 24.6 27.0 - 23.2 24.0 26.3 - 22.0 22.8 S/T 0.70 0.58 0.40 - 0.72 0.61 0.42 - 0.74 0.62 0.43 - 0.77 0.64 0.44 - 0.80 0.66 ΔT 1.7 1.5 1.1 1.8 1.5 1.2 1.8 1.5 1.2 1.8 1.5 1.8 <th< th=""><th></th><th></th><td>LO PR</td><td>_</td><td>117</td><td>128</td><td>٠</td><td>117</td><td>124</td><td></td><td>٠</td><td>121</td><td>129</td><td>141</td><td>١</td><td>127</td><td>135</td><td>148</td><td>,</td><td>133</td><td>142</td><td>155</td><td>,</td><td>138</td><td>147</td><td>160</td><td>٠</td></th<>			LO PR	_	117	128	٠	117	124		٠	121	129	141	١	127	135	148	,	133	142	155	,	138	147	160	٠
S/T 0.70 0.58 0.40 - 0.72 0.62 - 0.43 - 0.77 0.64 0.44 - 0.80 0.60 ΔΤ 17 15 11 - 18 15 12 - 18 15 12 - 18 15 12 - 18 15 12 - 18 15 12 - 18 15 - 18 15 12 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 15 - 18 18 19 - 18 18 19 - 18 18 19 - 18 18 19 - 18 18 19 - 18 18 19		ľ	MBh	24.9	25.8	28.3		24.4				23.8				23.2			-	22.0	22.8	25.0	-	20.4	21.2	23.2	
AT 17 15 11 18 15 12 18 15 12 18 15 12 18 15 12 18 15 12 18 15 12 18 15 12 18 15 12 18 19<			S/T	0.70	0.58	0.40		0.72			1	0.74				0.77	0.64		-	0.80	99.0	0.46	-	0.80	0.67	0.46	
kW 1.80 1.84 1.90 - 1.94 1.99 2.05 - 2.17 2.19 - 2.18 2.23 2.31 - 2.28 2.33 Amps 7.4 7.6 7.8 - 8.0 8.4 - 8.6 8.8 9.1 - 9.2 9.4 9.7 - 9.7 10.0 HI PR 230 248 261 - 258 278 293 - 294 316 334 - 334 360 380 - 376 405 LO PR 10.7 11.4 124 - 113 120 131 - 117 125 136 - 123 131 139 - 129 138			ΔΤ	17	15	11		18	15			18	15	12	'	18	15	12	-	18	15	12	-	16	14	11	٠
7.4 7.6 7.8 8.0 8.7 8.6 8.8 9.1 - 9.2 9.4 9.7 - 9.7 10.0 230 248 261 - 258 278 293 - 294 316 334 - 334 360 - 376 405 107 114 124 - 113 120 131 - 117 125 136 - 123 131 143 - 129 138		920	kW	1.80	1.84	1.90	٠.	1.94			1	2.07	2.12	2.19	'	2.18	2.23	2.31	-	2.28	2.33	2.41	-	2.36	2.41	2.50	٠
230 248 261 - 258 278 293 - 294 316 334 - 380 - 376 405 107 114 124 - 113 120 131 - 117 125 136 - 123 131 143 - 129 138			Amps	7.4	7.6	7.8	٠	8.0	8.2		٠	9.8	8.8	9.1	'	9.5	9.4	9.7	-	9.7	10.0	10.3	,	10.3	10.5	10.9	
107 114 124 - 113 120 131 - 117 125 136 - 123 131 143 - 129 138			HI PR	230	248	261	٠	258			١	294	316	334		334	360	380	-	376	405	427	'	416	447	472	٠
			LO PR	107	114	124	٠.	113			-	117	125	136	-	123	131	143	-	129	138	150	-	134	142	155	

19 18 19 18<			MBh S/T	28.3	29.1	31.5	33.9	27.6	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.3	27.1	29.3	31.5	25.0	25.8	27.9	29.9	2 0	23.2	3.2 23.9	
486 KW 1.88 1.92 2.03 2.		•	ΔT	19		14	1	-	18	15	10	19	18	15	10	19	18	15	101	19	18	14	10	18	ł	1	16
Amb 7.8 7.9 8.2 8.5 8.9 9.0 9.2 9.5 9.6 9.8 10.1 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 20.2 39.9 32.2 39.9 32.2 39.9 32.2 39.9 32.2 39.9 32.2 39.9 32.2 39.9 32.2 39.9 32.2 38.9 39.9 40.0 41.7 39.6 42.0 40.0 41.7 39.6 42.0 40.0 41.7 39.0 40.0 41.7 39.0 40.0 41.7 39.0 40.0 41.7 39.0 40.0 41.7 39.0 40.0 41.7 41.7 41.0		1180	kW	1.88		1.98		2.03	2.07	2.14	2.22	2.16	2.21	2.29	2.36	2.28	2.33	2.41	2.49	2.38	2.43	2.52	2.61	2.47		2.52	2.52 2.61
HIPR 42 56 27 28 36 32 35 36 35 36 35 36 35 37 36 35 37 40 41 42 46 45 45 45 46 47 LOPR 113 120 131 139 199 126 134 124 131 143 150 180 26.8 27.0 29.9 31.3 55.0 26.3 30.6 27.0 29.9 31.3 55.0 28.3 30.6 42.9 30.9 32.1 26.0 31.3 35.0 28.3 30.6 32.9 30.9 31.3 31.3 30.9 32.0 30.9 30.9 30.9 31.3 30.9			Amps			8.2	8.5	8.3	8.5	8.8	9.1	9.0	9.5	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.7	11.1	10.8		11.0	11.0 11.4
MBH 27.5 28.3 30.6 13.9 11.3 12.0 13.1 13.9 12.0 13.1 13.9			HI PR	242		275	287	272	292	309	322	309	332	351	366	352	378	400	417	396	426	450	469	437	~	470	170 497
MBh 27.5 28.3 30.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.6 32.7 32.0			LO PR	H				119	126	138	147	124	131	143	153	130	138	151	161	136	145	158	168	141	-	150	50 163
45T 6.82 0.83			MBh		28.3		32.9	-		29.9		26.2	27.0	29.5	31.3	25.6		28.5	30.6	24.3	25.0	27.1	29.0	22.5	2	23.2	3.2 25.1
DOT (1.8) (S/T	0.82				$\overline{}$		0.58	0.37	0.88	0.78	0.59	0.38	06:0	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0	0.85	85 0.64
HOPM H.36 1.36 1.36 2.14 2.19 2.27 2.34 2.35 2.47 2.36 2.47 2.36 2.49 2.39 2.47 2.36 2.49 2.36 2.43 2.56 2.58 2.44 2.59 2.44 2.83 2.41 2.50 2.59 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 3.7 3.6 4.13 3.2 4.7 3.6 3.7 3.6 4.13 3.2 4.2 4.2 3.6 3.7 3.6 4.13 3.2 4.2 4.3 3.6 4.13 4.2 4.2 4.2 3.6 3.2 3.6 4.2 3.6 3.2 3.6 3.2 3.6 3.7 3.6 3.7 3.6 3.2 3.6 3.7 3.6 3.2 3.6 3.2 3.6 3.2 3.6 3.7 3.6 3.2			ΔT	20		15	10	20	18	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	┑	17	7 14
Amps 7.7 8.1 8.4 8.3 8.5 8.7 9.0 9.4 9.8 9.6 9.7 9.7 9.0 10.0 10.4 9.6 10.0 10.4 10.0 10.4 10.0 10.4 10.0 10.4 10.0 10.4 10.0 10.4 10.0 10.4 10.0 10.4 10.0		1050	kW	1.86				-	2.06	2.12	2.20	2.14	2.19	2.27	2.34	2.26	2.31	2.39	2.47	2.36	2.41	2.50	2.58	2.44	2.50	20	50 2.59
HHPR 440 258 272 284 269 365 315 316 316 317 318 317 318 318 317 318 318 318 318 318 318 318 318 318 318	_		Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.4	10.1	10.3	10.7	11.0	10.7	10.9	6	9 11.3
MBh 25.4 26.1 28.3 30.3 24.8 25.5 27.6 29.6 24.2 24.9 26.9 28.9 28.6 24.3 26.3 28.2 28.2 22.4 23.1 25.0 26.8 20.8			HI PR			272	284	569	289	305	319	306	329	347	362	348	375	396	413	392	422	445	464	433	466		492
MBh 55.4 26.1 28.3 36.3 28.4 26.5 28.9 <th< td=""><th>_</th><th></th><td>LO PR</td><td>_</td><td></td><td>129</td><td>138</td><td>118</td><td>125</td><td>137</td><td>146</td><td>122</td><td>130</td><td>142</td><td>151</td><td>128</td><td>137</td><td>149</td><td>159</td><td>135</td><td>143</td><td>156</td><td>167</td><td>139</td><td>148</td><td></td><td>162</td></th<>	_		LO PR	_		129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148		162
AT O.79 O.71 O.54 O.35 O.84 O.56 O.87 O.87 O.78 O.79 O.71 O.79		_	MBh	25.4		28.3		-		27.6		24.2	24.9	26.9	28.9	23.6	24.3	26.3	28.2	22.4	23.1	25.0	26.8	20.8	21.4		23.1
AT 20 19 15 10 10 10 11 21 11 20 19 15 11 20 19 15 11 20 19 15 11 20 10 11 20 10 11 11 20 10 11 11 20 2.14 2.21 2.28 2.20 2.25 2.32 2			S/T	0.79		0.54		-	0.74	0.56		0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82		0.62
kW 1.81 1.85 1.92 1.96 2.00 2.07 2.14 2.21 2.28 2.25 2.33 2.43 2.43 2.35 2.43 2.52 2.33 2.41 2.30 2.52 2.33 2.41 2.53 2.43 2.52 2.33 2.41 2.50 2.52 2.33 2.41 2.53 2.43 2.52 2.53 2.43 2.52 2.33 2.41 2.50 2.52 2.33 2.41 2.50 2.53 2.43 2.52 2.53 2.43 2.52 2.53 2.44 2.50 2.53 2.44 2.50 2.53 2.43 4.01 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.04 1.07 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1			ΔΤ	20		15	10	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17		14
7.5 7.7 7.9 8.2 8.1 8.2 8.8 8.7 8.9 9.2 9.5 9.5 9.8 10.1 9.8 10.1 10.4 10.7 10.7 10.7 232 250 264 275 261 281 396 397 319 337 351 383 363 384 400 380 409 420 10.8 11 121 133 141 126 138 147 125 133 145 154 132 145 152 133 145 154 135 145 148 149 148 149 126 138 149 126 138 149 126 138 149 126 138 149 126 138 149 126 138 149 126 138 149 126 138 149 126 138 149 127 138 148 149 148 149 </td <th></th> <th>920</th> <td>kW</td> <td>1.81</td> <td></td> <td></td> <td>1.98</td> <td>1.96</td> <td>2.00</td> <td>2.07</td> <td>2.14</td> <td>2.09</td> <td>2.14</td> <td>2.21</td> <td>2.28</td> <td>2.20</td> <td>2.25</td> <td>2.33</td> <td>2.41</td> <td>2.30</td> <td>2.35</td> <td>2.43</td> <td>2.52</td> <td>2.38</td> <td>2.44</td> <td></td> <td>2.52</td>		920	kW	1.81			1.98	1.96	2.00	2.07	2.14	2.09	2.14	2.21	2.28	2.20	2.25	2.33	2.41	2.30	2.35	2.43	2.52	2.38	2.44		2.52
232 250 264 275 261 281 286 397 319 337 351 388 363 384 400 380 490 420 108 115 126 131 141 121 131 141 121 131 142 133 145 133 145 131 139 152 162 135			Amps			7.9	8.2	8.1		8.5	8.8	8.7	8.9	9.5	9.5	9.3	9.5	8.6	10.1	8.6	10.1	10.4	10.7	10.4	10.6		11.0
108 115 126 134 114 121 133 141 119 126 138 147 125 133 145 154 131 139 152 162 135			HI PR			264		261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452		477
			LO PR			126	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144		157

Shaded area reflects ACCA (TVA) conditions. Amps: Unit amps (comp.+ evaporator + condenser fan motors)

EXPANDED COOLING DATA — GPC1430H41AA (cont.)

			7 71	.7 27.5	33 0.62	7 13	53 2.73	.5 11.9)2 523	55 176	.0 26.7	79 0.59	7 14	51 2.70	11.4 11.8	97 518	3 174	.1 24.7	76 0.57	8 14	54 2.63	.1 11.5	32 503	169
	115		9 67	1 25.7	0 0.83	17	5 2.63	1 11.5	5 502	1 165	4 25.0	7 0.79	17	2 2.61		0 497	0 163	6 23.1	4 0.76	18	6 2.54	7 11.1	6 482	7 150
			63	6 24.1	0 1.00	3 19	9 2.55	9 11.1	2 475	2 151	9 23.4	0 0.97) 20	7 2.52	8 11.0	7 470	1 150	1 21.6	0 0.94	. 20	0 2.46	5 10.7	4 456	7 145
	\Box		59	7 23.6	2 1.00	18	3 2.49	2 10.9	1 442) 142	3 22.9	9 1.00	20	1 2.47	1 10.8	437	3 141	5 21.1	7 1.00	21	1 2.40	3 10.5	424	136
			71	29.	2 0.62	14	1 2.63	3 11.2	474	170) 28.8	9 0.59	15	2 2.61	7 11.1	469	3 168	9 26.6	5 0.57	15	5 2.54	5 10.8	455	163
	105		67	27.8	0.82	18	5 2.54	10.8	454	160	3 27.0	0.79	19	3 2.52	10.7	450	158	24.9	92.0	19	7 2.45	10.5	436	153
			63	26.0	1.00	20	2.46	10.5	430	146	25.3	0.97	21	2.43	10.4	426	145	23.3	0.93	22	2.37	10.1	413	140
			29	25.5	1.00	20	2.40	10.3	400	137	24.7	1.00	22	2.38	10.2	396	136	22.8	0.99	23	2.32	9.6	384	132
		E	71	31.3	0.59	14	2.52	10.6	421	162	30.4	0.57	15	2.49	10.5	417	161	28.0	0.55	15	2.43	10.2	404	156
JRE	95	ENTERING INDOOR WET BULB TEMPERATURE	29	29.3	0.79	18	2.43	10.2	404	152	28.4	0.76	19	2.41	10.1	400	151	26.2	0.73	19	2.35	9.9	388	146
PERATI	51	TEMPE	63	27.4	1.00	21	2.35	6.6	382	139	26.6	0.93	22	2.33	9.8	379	138	24.5	0.90	22	2.27	9.6	367	134
NT TEM		T BULB	29	26.8	1.00	21	2.30	9.7	355	131	26.0	0.99	23	2.28	9.6	352	130	24.0	0.96	23	2.22	9.3	341	126
OUTDOOR AMBIENT TEMPERATURE		OR WE	71	32.1	0.57	14	2.38	6.6	370	154	31.1	0.55	15	2.36	9.8	366	153	28.7	0.53	15	2.30	9.6	355	148
TDOOR		IG INDO	67	30.0	0.77	18	2.30	9.6	354	145	29.1	0.73	19	2.29	9.5	351	144	26.9	0.71	19	2.23	9.3	340	139
0	82	NTERIN	63	28.1	0.94	21	2.23	9.3	336	133	27.2	0.90	21	2.21	9.5	332	131	25.1	0.87	22	2.15	9.0	322	128
		Е	29	27.5	1.00	21	2.18	9.1	312	125	26.7	96.0	22	2.16	9.0	309	124	24.6	0.93	23	2.11	8.8	300	120
			71	32.8	0.56	14	2.23	9.2	325	149	31.9	0.53	15	2.22	9.1	322	147	29.4	0.52	15	2.16	8.9	312	143
			29	30.7	0.75	18	2.16	8.9	312	139	29.8	0.72	19	2.14	8.8	309	138	27.5	69.0	19	2.09	9.8	299	134
	75		63	28.7	0.92	21	2.09	9.8	295	128	27.9	0.88	21	2.07	8.5	292	126	25.8	0.85	22	2.02	8.3	283	173
			29	28.1	1.00	22	2.04	8.4	274	120	27.3	0.94	22	2.03	8.3	272	119	25.2	06.0	23	1.98	8.1	263	115
			71	33.6	0.54	14	2.07	8.5	290	141	32.6	0.52	15	2.05	8.5	287	139	30.1	0.50	15	2.00	8.2	278	135
			29	31.4	0.72	18	2.00	8.2	278	132	30.5	0.69	18	1.98	8.2	275	131	28.2	0.67	19	1.93	8.0	267	127
	65		63	29.4	0.89	20	1.93	8.0	263	121	28.6	0.85	21	1.92	7.9	260	120	26.4	0.82	22	1.87	7.7	253	116
			29	28.8	0.95 (21	1.89	7.8	244	114	28.0	06.0	22	1.88	7.8	242	113	25.8	0.87	22	1.83	7.6	235	109
	Ш		w	MBh 2	S/T (ΔT	kW	Amps	HI PR	LO PR	MBh :	S/T (ΔT	kW	Amps	HI PR	LO PR	MBh ;	S/T (ΔT	kW :	Amps	HI PR	IO PR
			AIRFLOW				1180	⋖	_					1050	7	_		_			920	٨		
			IDB				-							80 10				L			<u></u>			

MBh 29.3 29.9	S/T 0.99 0.96	ΔT 23 22	1180 kW 1.91 1.95	Amps 7.9 8.1	HI PR 247 266	LO PR 115 122	MBh 28.5 29.0	S/T 0.95 0.91	ΔT 24 23	1050 kW 1.89 1.93	Amps 7.8 8.0	HI PR 244 263	LO PR 114 121	MBh 26.3 26.8	S/T 0.91 0.88	ΔΤ 24 24	920 kW 1.84 1.89	Amps 7.6 7.8	HI PR 237 255	LO PR 110 117
31.3	0.87	21	2.01	8.3	281	133	30.4	0.83	22	2.00	8.2	278	132	28.0	0.80	22	1.95	8.0	569	128
33.4 28.6	0.70 1.00	18 22	2.08 2.06	8.6 8.5	293 277	142 121	32.4 27.8	86.0 29.0	19 24	2.07 2.04	8.5 8.4	290 274	141 120	29.9 25.7	0.65 0.95	19 24	2.01 1.99	8.3 8.2	281 266	136 116
.6 29.2	00 0.99	2 23	06 2.11	5 8.7	77 298	129	.8 28.3	38 0.95	4 24	04 2.09	4 8.6	4 295	0 128	.7 26.1	95 0.91	4 24	99 2.04	2 8.4	6 286	.6 124
30.6	06.0	21	2.18	8.9	315	141	29.7	0.86	22	2.16	8.9	312	139	27.4	0.82	23	2.11	9.8	302	135
32.6	0.73	18	2.25	9.3	328	150	31.7	69.0	19	2.23	9.5	325	149	29.2	0.67	20	2.18	8.9	315	144
27.9	1.00	22	2.20	9.2	315	126	27.1	1.00	24	2.18	9.1	312	125	25.0	0.97	24	2.12	8.9	303	121
28.5	1.00 (22	2.25	9.4	339	134	27.7	0.97	24	2.23	9.3	336	133	25.5	0.94 (24	2.17	9.1	326	129
29.8 3	0.92 C	21	2.32 2	9.7	358	146	29.0	0.88	22	2.30 2	9.6	354	145 1	26.7 2	0.85 0	23	2.25 2	9.3	344	141
31.8 2	0.75 1	18	2.41 2	10.0	373 3	156 1	30.9 2	0.71 1	19	2.38 2	9.9	370 3	154 1	28.5 2	0.69	20	2.32 2	9.7	329 3	150 1
27.3 2	1.00 1	21	2.32 2	9.8	359 3	132 1	26.5 2	1.00	23	2.30 2	9.7	355	131 1	24.4 2	1.00 0	24	2.24 2	9.4	345 3	127 1
27.8 29	1.00 0.	22 2	2.37 2.	10.0	386 4	141 1	27.0 28	1.00 0.	24 2	2.35 2.	9.9	382 4	139 1	24.9 26	0.97 0.	24 2	2.29 2.	9.6 10	371 3	135 1
29.1 31.1	0.95 0.77	22 19	2.45 2.54	10.3 10.7	408 425	154 164	28.3 30.1	0.91 0.73	22 19	2.43 2.52	10.2 10.6	404 421	152 162	26.1 27.8	0.87 0.71	23 20	2.37 2.45	10.0 10.3	392 408	148 157
1 25.9	7 1.00	9 20	4 2.42	7 10.4	5 404	4 139	1 25.1	3 1.00) 22	2 2.40	6 10.3	1 400	2 137	8 23.2	1 1.00) 23	5 2.34	3 10.0	8 388	7 133
9 26.4	00.1	21	2 2.48	4 10.6	1 434	9 148	1 25.6	0 1.00	22	3 2.46	3 10.5) 430	7 146	2 23.7	00.1	24	4 2.39	0 10.2	3 417	3 142
27.7	0.99	21	2.56	10.9	459	161	26.8	0.94	22	2.54	10.8	454	160	24.8	0.91	22	2.47	10.6	441	155
29.5	0.80	18	2.65	11.3	478	172	28.6	0.76	19	2.63	11.2	474	170	26.4	0.73	19	2.56	10.9	459	165
24.0	1.00	19	2.51	10.9	446	144	23.3	1.00	20	2.49	10.9	442	142	21.5	1.00	21	2.42	10.6	428	138
24.5	1.00	19	2.57	11.2	480	153	23.7	1.00	21	2.55	11.1	475	151	21.9	1.00	22	2.48	10.8	461	147
25.6	0.99	20	2.66	11.6	507	167	24.9	0.95	21	2.63	11.5	502	165	23.0	0.91	21	2.56	11.2	487	160

ons. $\label{eq:kindow} kW = total\ system\ power$ Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects AHRI (TVA) conditions.

Expanded Cooling Data — GPC1430H41AC

			71		1	-	,		-		1	-	-	1	-	-	-	-	-	1	,	1	-	1
			. 29	25.9	0.49	10	2.42	11.3	481	157	25.1	0.47	11	2.40	11.2	476	155	23.9	0.45	11	2.36	11.0	467	152
	115		63	23.6 2	0.71 0	13	2.34 2	10.9	456 4	143 1	22.9 2	0.68	14	2.32 2	10.8 1	451 4	142 1	21.8 2	0.65 0	14	2.28 2	10.7	442 4	139 1
			29	22.8 2	0.85 C	16	2.29 2	10.7	423 4	135 1	22.1 2	0.81 C	16	2.27 2	10.6	419 4	134 1	21.0 2	0.78 C	17	2.23 2	10.4	411 4	131
	\dashv		71	- 2) -	-	- 2	- 1	7 -	-	- 2) -	-	- 2	- 1	7 -	- 1	- 2) -	-	- 2	- 1	7 -	-
			29	27.9	0.49	11	2.34	10.7	435	151	27.1	0.47	11	2.32	10.6	431	150	25.8	0.45	12	2.28	10.4	422	147
	105		63	25.5	0.70	14	2.26	10.4	412	139	24.7	0.67 (15	2.24	10.3	408	137	23.5	0.64 (15	2.20	10.1	400	135
			29	24.6	0.84 (17	2.21	10.2	383	130	23.9	0.80	17	2.19	10.1	379 4	129	22.7	0.77 (18	2.15 2	9.9	372 4	127
	\exists		71	-) -	-	-		-	-	-) -	-	-	· ·	-	-	-	-	-	-	-	-	1
u		ATURE	29	29.4	0.47	11	2.24	10.1	387	145	28.5	0.45	12	2.22	10.0	383	143	27.1	0.43	12	2.18	6.6	376	140
ERATUR	95	EMPER/	63	26.8	0.68	15	2.16	9.8	367	132	26.1	0.65	15	2.15	9.8	363	131	24.7	0.62	16	2.11	9.6	356	128
T TEMP		BULB T	29	25.9	0.81	17	2.12	9.6	341	124	25.1	0.78	18	2.10	9.5	337	123	23.9	0.74 (18	2.06	9.4	330	121
OUTDOOR AMBIENT TEMPERATURE		ENTERING INDOOR WET BULB TEMPERATURE	71	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	,
DOOR A		G INDO	29	30.1	0.46	11	2.12	9.5	340	138	29.3	0.43	11	2.10	9.5	336	136	27.8	0.42	12	2.07	9.3	330	133
OUT	82	NTERIN	63	27.5	99.0	15	2.05	9.3	322	126	26.7	0.63	15	2.04	9.5	319	125	25.4	09.0	16	2.00	9.1	312	122
		E	29	26.5	0.79	17	2.01	9.1	299	118	25.8	0.75	17	1.99	0.6	296	117	24.5	0.72	18	1.96	8.9	290	115
			71	-		-	-		-	,	-	-	-	-	-	-	-	-	-	-	-		-	-
			29	30.9	0.44	11	1.99	8.9	299	132	30.0	0.42	11	1.97	8.8	296	131	28.5	0.41	12	1.94	8.7	290	128
	75		63	28.2	0.64	15	1.93	9.8	283	121	27.4	0.61	15	1.91	9.8	280	120	26.0	0.59	16	1.88	8.4	275	118
			29	27.2	0.77	17	1.89	8.5	263	114	26.4	0.73	17	1.87	8.4	260	113	25.1	0.70	18	1.84	8.3	255	111
			71	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	65		29	31.6	0.43	11	1.84	8.3	266	125	30.7	0.41	11	1.83	8.2	264	124	29.1	0.39	12	1.80	8.1	258	122
	9		63	28.8	0.62	14	1.78	8.1	252	115	28.0	0.59	15	1.77	8.0	250	114	26.6	0.57	15	1.74	7.9	245	111
			59	27.8	0.74	17	1.75	7.9	234	108	27.0	0.71	17	1.73	7.9	232	107	25.7	0.68	18	1.70	7.7	227	105
			wo.	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR
			AIRFLOW				1145			Ч				1020							006			
			IDB				_							20	_			_						

29.1 31.5	0.84 0.75 0.57 0.37 0.87 0.78 0.	19 18 14 10 19 18 15	1.76 1.80 1.86 1.92 1.90 1.94 2.01	8.0 8.1 8.4 8.6 8.5 8.7 9.0	HIPR 237 255 269 281 266 286 302	109 116 127 135 115 122 134	27.5 28.3 30.6 32.9 26.8 27.6 29.9	0.80 0.72 0.54 0.35 0.83 0.74 0.56	20 18 15 10 20 19 15	1.75 1.79 1.84 1.90 1.89 1.93 1.9	7.9 8.1 8.3 8.6 8.5 8.6 8.5	HIPR 234 252 266 278 263 283 299	108 115 125 133 114 121 132	26.1 26.9 29.1 31.2 25.5 26.3 28.4	0.77 0.69 0.52 0.34 0.80 0.71 0.54	21 19 15 11 21 19 16	1.72 1.76 1.81 1.87 1.85 1.90 1.96	7.8 8.0 8.2 8.4 8.3 8.5 8.7	HIPR 230 247 261 272 258 277 29	131 112 119
31.5	0.57 0.37 0.87 0.78 0	14 10 19 18	1.86 1.92 1.90 1.94 2	8.4 8.6 8.5 8.7 9	269 281 266 286	127 135 115 122	30.6 32.9 26.8 27.6	0.72 0.54 0.35 0.83 0.74	15 10 20 19	1.84 1.90 1.89 1.93 1	8.3 8.6 8.5 8.6 8.	266 278 263 283	125 133 114 121	29.1 31.2 25.5 26.3	0.52 0.34 0.80 0.71 0	15 11 21 19	1.81 1.87 1.85 1.90	8.2 8.4 8.3 8.5 8.	261 272 258 277	123 131 112 119
1 1	0.37 0.87 0.78 0	10 19 18	1.92 1.90 1.94 2	8.6 8.5 8.7 9	281 266 286	135 115 122	32.9 26.8 27.6	0.35 0.83 0.74	10 20 19	1.90 1.89 1.93 1	8.6 8.5 8.6 8.	278 263 283	133 114 121	31.2 25.5 26.3	0.34 0.80 0.71 0	11 21 19	1.87 1.85 1.90	8.4 8.3 8.5 8.	272 258 277	123 131 112 119 13
33	0.87 0.78 0	19 18	1.90 1.94 2	8.5 8.7 9	266 286	115 122	26.8 27.6	0.83 0.74	20 19	1.89 1.93 1	8.5 8.6 8.	263 283	114 121	25.5 26.3	0.80 0.71 0	21 19	1.85 1.90	8.3 8.5 8.	258 277	112 119
\vdash	0.78 0	18	1.94 2	8.7	286	122	27.6	0.74	19	1.93	8.6 8.	283	121	26.3	0.71 0	19	1.90	8.5 8.	277	119
	0		2	7 9						1	.6 8.				0			.5 8.		
28.5	o.	15	2.01	9.0	302	13	29.	0.5	15	1.9		299	132	28.4	0.54	16	1.96		25	H
9.8	.59					4	6			66	6			_					293	130
\dashv	0.38	10	2.08	9.5	315	142	32.1	0.36	10	2.06	9.5	312	141	30.5	0.35	11	2.02	0.6	305	138
	0.90	19	2.03	9.5	302	120	26.2	0.85	20	2.01	9.1	299	118	24.9	0.82	21	1.97	8.9	293	116
27.8	0.80	18	2.07	9.4	325	127	27.0	0.76	19	2.05	9.3	322	126	25.6	0.73	19	2.02	9.1	315	124
30.1	0.61	15	2.14	9.6	343	139	29.2	0.58	15	2.12	9.5	340	138	27.7	0.55	16	2.09	9.4	333	135
32.3	0.39	10	2.21	6.6	358	148	31.3	0.37	11	2.20	6.6	354	147	29.8	0.36	11	2.16	9.7	347	144
	0.92	20	2.14	9.7	344	126	25.6	0.88	20	2.12	9.6	341	124	24.3	0.84	21	2.08	9.2	334	122
7.1	0.83	18	2.18	6.6	370	134	26.3	0.79	19	2.17	9.8	367	132	25.0	92.0	19	2.13	9.7	359	130
	0.63	15	2.26	10.2	391	146	28.5	09.0	15	2.24	10.1	387	145	27.1	0.57	16	2.20	10.0	379	142
1.5	0.40	10	2.34	10.5	408	155	30.6	0.38	11	2.32	10.5	404	154	29.0	0.37	11	2.28	10.3	396	151
	0.96	19	2.23	10.2	387	132	24.3	0.91	20	2.21	10.2	383	130	23.1	0.88	21	2.17	10.0	376	128
8.5	98.0	18	2.28	10.5	417	140	25.0	0.82	18	2.26	10.4	412	139	23.8	0.78	19	2.22	10.2	404	136
	0.65	15	2.36	10.8	440	153	27.1	0.62 (15	2.34	10.7	435	151	25.7	0.59 (16	2.30	10.5	427	148
9.9	0.42	10	2.44	11.1	459	163	29.0	0.40	10	2.42	11.0	454	161	27.6	0.38	11	2.38	10.9	445	158
3.2	0.97	18	2.31	10.8	428	136	22.5	0.92	19	2.29	10.7	423	135	21.4	0.88	19	2.25	10.5	415	132
23.9	0.87	17	2.36	11.0	460	145	23.2	0.83	17	2.34	10.9	456	144	22.0	0.79	18	2.30	10.7	447	141
	0.65	14	2.44	11.3 11.7	486	158	25.1 26.9	0.62 0.40	14	2.42 2.51	11.3 11.6	481	157	23.8 25.6	0.60 0.38	15	2.38 2.	11.1 11.4	472	154

IDB = Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

ions. $kW = total \ system \ power \ Amps: Unit amps \ (comp.+ evaporator + condenser fan motors)$

Shaded area reflects ACCA (TVA) conditions.

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EXPANDED COOLING DATA — GPC1430H41AC (cont.)

ENTERING INDOOR WET BULL FEMPERATURE 63 67 71 59 63 67 28.1 30.0 32.1 26.8 27.4 29.3 0.92 0.75 0.56 1.00 0.95 0.7 21 18 22 21 18 2.09 2.16 2.23 2.15 2.20 2.28 9.4 9.7 10.0 9.8 10.0 10.3 328 347 362 348 374 395 129 140 150 127 135 147	67 71 59 30.7 3.2.8 27.5 0.73 0.55 1.00 18 14 22 2.03 2.09 2.04 9.0 9.3 9.2 305 318 305 135 144 121 29.8 31.9 26.7 0.70 0.52 0.94 19 15 23 201 2.03 2.03 201 2.03 2.03 201 2.03 2.03	63 28.7 21 1.96 8.8 8.8 8.8 22 27.9 0.86 22 22 22 22
67 71 59 30.0 32.1 26.8 0.75 0.56 1.00 18 14 22 2.16 2.23 2.15 9.7 10.0 9.8 347 362 348 140 150 127	32.8 27.5 0.55 1.00 2.09 2.04 3.13 30.5 1.21 31.9 26.7 1.21 31.9 26.7 0.52 0.94 1.51 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.08	63 28.7 0.90 21 1.96 8.8 8.8 289 27.9 0.86 27.9 0.86
30.0 32.1 26.8 0.75 0.56 1.00 18 14 22 2.16 2.23 2.15 9.7 10.0 9.8 347 362 348 140 150 127	32.8 27.5 0.55 1.00 14 22 2.09 2.04 9.3 9.2 318 305 144 121 31.9 26.7 0.52 0.94 15 23	
0.75 0.56 1.00 18 14 22 2.16 2.23 2.15 9.7 10.0 9.8 347 362 348 140 150 127	0.55 1.00 14 22 2.09 2.04 9.3 9.2 318 305 144 121 31.9 26.7 0.52 0.94 15 23 2.08 2.03	
18 14 22 2.16 2.23 2.15 9.7 10.0 9.8 347 362 348 140 150 127	2.09 2.04 9.3 9.2 318 305 144 121 31.9 26.7 0.52 0.94 15 23 2.08 2.03	
2.16 2.23 2.15 9.7 10.0 9.8 347 362 348 140 150 127	2.09 2.04 9.3 9.2 318 305 144 121 31.9 26.7 0.52 0.94 15 23 2.08 2.03	.
9.7 10.0 9.8 347 362 348 140 150 127	9.3 9.2 318 305 144 121 31.9 26.7 0.52 0.94 15 23 2.08 2.03	.
347 362 348 140 150 127	305 121 26.7 0.94 23 2.03	
140 150 127	121 26.7 0.94 23 2.03	
	26.7 0.94 23 2.03	
27.2 29.1 31.1 26.0 26.6	23 2.03	
0.88 0.71 0.53 0.97 0.91	23 2.03	
22 19 15 23 22	2.03	
2.07 2.14 2.21 2.14 2.18	0	
9.4 9.6 9.9 9.7 9.9	3.6 7.6	8.7 9.0
325 343 358 344 370	315 302	286 302
127 139 148 126 134	142 120	123 134
25.9 27.7 29.6 24.7 25.3	30.3 25.3 2	.5 28.3
0.84 0.68 0.51 0.93 0.87	0.50 0.90	0.82 0.67
22 19 15 23 22	15 23	22 19
2.04 2.10 2.18 2.10 2.15	2.04 1.99 2	91 1.97
9.2 9.5 9.8 9.5 9.8	9.1 9.0	8.8 9
319 336 351 337 363	309 296	280 296
125 136 145 123 131	140 117	120 131

4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4		MBh	29.3	29.9	31.3	33.4	28.6	29.2	30.6	32.6	27.9	28.5	29.8	31.8	27.3	27.8	29.1	31.1	25.9	26.4	27.7	29.5	24.0	24.5	25.6	27.3
23 21 19 22 23 21 20 21 20 22 22 22 23 21 19 21 22 22 23 41 39 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41<		S/T	0.97			0.68	1.00	0.97			1.00	0.99	0.90	0.73	\vdash		0.93	0.75	1.00	1.00	0.96		Ш	1.00	0.97	0.79
1.98 2.04 2.11 2.06 2.11 2.05 2.17 2.22 2.30 2.38 2.27 2.32 2.40 2.44 2.48 2.35 8.8 9.1 9.4 9.3 9.5 9.8 10.1 10.4 10.7 10.6 11.0 11.0 11.0 292 388 3.1 308 3.2 3.5 3.5 3.5 4.6 4.5 4.5 4.6 4.5 4.6 4.5 4.5 4.6 4.5 4.6 4.5 4.6		ΔT	23	22	21	18	23	23	21	19	22	23	21	19	22	22	22	19	21	21	21	18	19	20	20	17
8.8 9.1 9.4 9.3 9.5 9.8 10.1 9.0 10.1 10.4 10.7 10.4 10.0 11.0 11.3 11.0 11.3 11.0 22.2 308 321 308 322 350 365 351 378 399 416 395 425 429 486 436 436 122 136 142 122 130 142 151 128 136 149 159 134 143 156 166 139 138 138 139 142 122 130 142 151 128 136 149 159 134 143 156 166 139 138 139 13.1 13.1 13.1 13.1 13.1 13.1 13.1	1145		1.79		1.89	1.95	1.93	1.98			2.06	2.11	2.18	2.25	2.17	2.22	2.30	2.38	2.27	2.32	2.40		2.35	2.40	2.49	2.57
292 308 321 308 351 375 365 351 378 399 416 395 425 449 468 436 125 136 145 145 121 121 121 121 121 122 130 142 151 128 136 149 159 134 143 156 166 130 132 134 143 156 166 130 132 136		Amps	_	8.3	8.5	8.8	8.7	8.8	9.1	9.4	9.3	9.5	8.6	10.1	6.6	10.1	10.4		10.4	10.6	11.0		\vdash	11.2	11.5	11.9
128. 136 145 122 130 142 151 128 136 149 159 134 143 156 166 139 138 139 135 136 139 138 139 135 139 139 139 139 139 139 139 139 139 139		HI PR	_	260	274	286	271	292	308		308	332	350	365	351	378	399	416	395	425	449	468	436	470	496	517
28.3 29.7 31.7 27.1 29.0 30.9 26.5 27.0 28.3 30.1 25.1 25.6 26.6 26.9 30.9 26.5 27.0 28.3 30.1 25.1 25.0 26.0 20.0 28.3 30.1 25.1 25.0 20.0 <th< td=""><td></td><td>LO PR</td><td>Н</td><td>118</td><td>129</td><td>138</td><td>117</td><td>125</td><td></td><td></td><td>122</td><td>130</td><td>142</td><td>151</td><td>128</td><td></td><td>149</td><td>159</td><td>134</td><td>143</td><td>156</td><td>166</td><td>139</td><td>148</td><td>161</td><td>172</td></th<>		LO PR	Н	118	129	138	117	125			122	130	142	151	128		149	159	134	143	156	166	139	148	161	172
0.03 0.68 0.68 0.69 0.98 0.89 0.89 0.89 0.99 0.89 0.70 1.00 0.99 0.89 0.72 1.00 0.90 0.98 0.99 0.89 0.89 0.72 1.00 0.99 0.89 0.72 1.00 0.99 0.89 0.72 1.00 0.99 2.10 2.20 2.20 2.20 2.22 2.30 2.32 2.30 2.33 2.40 2.71 2.10 2.20 2.22 2.30 2.32 2.30 2.33 2.34 2.34 2.35 2.35 2.30 2.38 2.44 2.3 2.25 2.30 2.34 2.34 2.35 412 414 463 42 42 25 412 121 424 424 424 424 424 435 435 442 435 435 444 463 432 444 463 432 444 463 432 444 463 432 444		MBh	28.5			32.4	27.8	28.3			27.1	27.7	29.0	30.9	Н		28.3	30.1	25.1	25.6	26.8		Н	23.7	24.9	26.5
24 25 19 24 24 25 19 24 24 25 19 24 24 24 25 19 23 23 23 23 23 23 25 19 24 24 24 22 125 2.26 2.36 2.25 2.30 2.35 2.32 2.25 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.35 2.36 2.35 2.36 2.37 2.35 2.39 2.35 2.44 463 3.25 1.25 1.21 1.21 1.21 1.22 1.32 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.47 1.57 1.44 1.57 1.44 1.45 1.57 1.44 1.45 1.42		S/T	0.92			0.65	96.0	0.92			0.98	0.95	0.86	0.69	_			0.72	1.00	1.00	0.92		_	1.00	0.92	0.75
1.96 2.03 2.04 2.09 2.04 2.03 2.15 2.20 2.28 2.36 2.36 2.36 2.36 2.38 2.36 2.38 2.36 2.33 2.39 2.38 2.49 2.10 3.10 3.2 4.10 1.03 1.06 1.03		ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	21	21	21	18
8.8 9.0 9.3 9.2 9.4 9.7 10.0 9.8 10.0 10.3 10.6 10.3 10.6 10.9 11.2 10.0 10.3 289 305 318 305 328 347 362 348 374 395 412 391 421 444 463 422 422 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32	_		1.78		1.87	1.94	1.92	1.96			2.04	2.09	2.16	2.23	2.15		2.28	2.36	2.25	2.30	2.38		2.33	2.38	2.46	2.55
289 305 318 305 328 347 362 348 374 395 412 391 421 444 463 432 432 134 135 134 132 134 135 134 134 135 134 134 135 134 134 135 134 134 134 134 134 134 134 134 134 134		Amps	8.0	8.2	8.4	8.7	9.8	8.8	9.0	9.3	9.5	9.4	9.7	10.0	_	10.0	10.3	10.6	10.3	10.6	10.9		_	11.1	11.4	11.8
124 135 144 121 129 140 150 127 135 147 157 133 142 155 165 188 136 138 142 151 153 142 151 158 138 136 138 136 138 136 138 138 136 138 138 138 138 138 138 138 138 138 138		HI PR	_		272	283	268	289	305		305	328	347	362	348	374	395	412	391	421	444	463	432	465	491	512
26.9 28.2 30.1 25.8 26.3 25.4 25.5 26.8 28.6 28.6 28.9 24.4 25.2 27.2 25.1 0.89 0.80 0.65 0.94 0.81 0.69 0.99 0.80 0.69 0.99 0.80 0.69 0.99 0.80 0.69 0.99 0.80 0.99 0.99 0.89 0.99 0.99 0.99 0.99 0.99 0.90 0.99 0.90 0.		LO PR	_		128	136	116	124	135		121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170
0.89 0.80 0.65 0.94 0.80 0.85 0.69 0.80 0.85 0.69 0.80 <th< td=""><td></td><td>MBh</td><td>27.0</td><td></td><td></td><td></td><td>26.4</td><td>26.9</td><td></td><td></td><td>25.8</td><td></td><td>27.5</td><td></td><td>\vdash</td><td>25.6</td><td></td><td>28.6</td><td>23.9</td><td>24.4</td><td>25.5</td><td></td><td>22.1</td><td>22.6</td><td>23.6</td><td>25.</td></th<>		MBh	27.0				26.4	26.9			25.8		27.5		\vdash	25.6		28.6	23.9	24.4	25.5		22.1	22.6	23.6	25.
24 23 20 25 24 23 20 25 25 23 20 24 24 23 20 25 25 23 20 24 23 20 23 20 23 20 20 212 216 2.24 2.32 2.21 2.26 2.34 2.42 2.29 2.20 2.21 2.26 2.34 2.42 2.29 2.20 2.21 2.21 2.26 2.34 2.42 2.29 2.20 2.21 2.21 2.20 2.34 2.42 2.29 2.20 2.21 2.21 2.21 2.26 2.34 2.42 2.29 2.20 2.21 2.21 2.21 2.21 2.21 2.21 2.22 2.22 2.21 2.22 2.21 2.22 2.21 2.22 2.21 2.22 2.21 2.22 2.22 2.21 2.22 2.22 2.22 2.22 2.22 2.22 2.22 2.22 2.22 2.22		S/T	0.89			0.63	0.92	0.89			0.94	0.91	0.82	99.0	-		0.85	0.69	1.00	0.97	0.88		1.00	0.98	0.88	0.7
1.93 0.06 2.01 2.05 2.12 2.16 2.24 2.32 2.21 2.26 2.34 2.42 2.29 8.6 8.9 9.2 9.1 9.3 9.5 9.9 9.6 9.8 10.1 10.5 10.4 10.7 11.0 10.7 283 29 3.2 341 367 387 404 383 412 435 423 121 132 141 118 126 138 147 124 132 145 130 139 151 161 135 situtings.	_	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	18
8.6 8.9 9.2 9.1 9.3 9.5 9.9 9.6 9.8 10.1 10.5 10.2 10.4 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.7 11.0 10.2 10.4 10.7 11.0 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 10.4 10.2 <td>900</td> <td>kW</td> <td>1.75</td> <td></td> <td>1.84</td> <td>1.90</td> <td>1.89</td> <td>1.93</td> <td></td> <td></td> <td>2.01</td> <td>2.05</td> <td>2.12</td> <td>2.19</td> <td>-</td> <td></td> <td></td> <td>2.32</td> <td>2.21</td> <td>2.26</td> <td>2.34</td> <td></td> <td>2.29</td> <td>2.34</td> <td>2.42</td> <td>2.5</td>	900	kW	1.75		1.84	1.90	1.89	1.93			2.01	2.05	2.12	2.19	-			2.32	2.21	2.26	2.34		2.29	2.34	2.42	2.5
283 299 312 299 322 340 354 341 367 387 404 383 412 435 454 423 423 421 132 141 118 126 138 147 124 132 145 154 130 139 151 161 135 iffttings.		Amps	_		8.3	8.6	8.5	8.6	8.9	9.5	9.1	9.3	9.5	6.6	9.6	9.8	10.1	10.5	10.2	10.4	10.7		-	10.9	11.3	11.6
121 132 141 118 126 138 147 124 132 145 154 130 139 151 161 135 shaded area reflects AHRI (TVA) conditions. Shaded area reflects AHRI (TVA) conditions. Amps: Unit amps (comp.+ evaporator		HI PR	_		266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502
Shaded area reflects AHRI (TVA) conditions. Amps: Unit amps (comp.+ evaporator		LO PR				133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	143	157	167
fittings.	= Entering I	ndoor Dry	Bulb Ter	nperatu	'e									Shao	led area	reflects	AHRI (T	/A) cond	itions.					kW = to	al syste	m pow
	h and low pr	essures ar	re measu	ired at th	e liquid	and suct	ion acce	ss fittin	igs.										Amps	: Unit an	nps (coi	mp.+eva	aporator	+ conde	nser fan	motor

Expanded Cooling Data — GPC1436H41AA

											8	TDOOR	AMBIE	OUTDOOR AMBIENT TEMPERATURE	PERATU	RE									
			9	65			7	75			82	2			95	<u>ر</u>			105	2			115		
										-	ENTERIN	NG INDC	OR WE	ENTERING INDOOR WET BULB TEMPERATURE	TEMPE	3AT URE									
AIRFLOW		29	63	- 67	71	29	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
MBh	ي	34.9	36.2	39.6		34.1	35.3	38.7	-	33.3	34.5	37.8		32.5	33.6	36.9	•	30.8	32.0	35.0	-	28.6	29.6	32.4	
S/T		0.76	0.64	0.44		0.79	99.0	0.46	-	0.81	0.68	0.47	1	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	
ΔT	_	18	16	12		18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	
kW	~	2.33	2.38	2.45	-	2.51	2.57	2.65	-	2.67	2.73	2.82	-	2.81	2.88	2.97	-	2.93	3.00	3.10	-	3.04	3.11	3.21	
An	Amps	10.5	10.8	11.0	-	11.3	11.5	11.8	-	12.1	12.3	12.7	-	12.8	13.1	13.4	-	13.5	13.8	14.2	-	14.2	14.5	14.9	-
=	HI PR	238	256	271		267	288	304	-	304	327	345	-	346	372	393	-	389	419	442	-	430 4	463	489	
의	LO PR	107	114	125		114	121	132	-	118	126	137	-	124	132	144		130	138	151	-	134	143	156	
2	MBh	33.9	35.1	38.5	1	33.1	34.3	37.6	1	32.3	33.5	36.7	-	31.5	32.7	35.8	-	29.9	31.0	34.0	-	27.7	28.7	31.5	,
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	69.0	0.48	-	0.83 (0.70	0.48	,
	ΔT	19	16	12	,	19	17	13	-	19	17	13	1	19	17	13	-	19	16	12	-	18	15	12	
	kW	2.31	2.36	2.43	,	2.49	2.54	2.63	-	2.65	2.71	2.80	-	2.79	2.85	2.95	-	2.91	2.97	3.07	-	3.01	3.08	3.18	
⋖	Amps	10.5	10.7	11.0		11.2	11.4	11.7	-	12.0	12.2	12.6	,	12.7	12.9	13.3	-	13.4	13.7	14.1	1	14.1	14.4	14.8	٠.
피	HI PR	236	254	268	,	265	285	301	-	301	324	342	-	343	369	389	-	386	415	438	-	426	458	484	
긔	LO PR	106	113	124	,	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	٠.
_	MBh	31.3	32.4	35.5	-	30.5	31.6	34.7	-	29.8	30.9	33.8	-	29.1	30.1	33.0	-	27.6	28.6	31.4	-	25.6 2	26.5	29.1	-
	S/T	0.70	0.58	0.41		0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.47	
	ΔТ	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	
	kW	2.25	2.30	2.37	,	2.43	2.48	2.56	-	2.58	2.64	2.73	-	2.72	2.78	2.87	-	2.84	2.90	3.00	-	2.94	3.00	3.10	
⋖	Amps	10.2	10.4	10.7	-	10.9	11.1	11.4	-	11.7	11.9	12.3	-	12.4	12.6	13.0	-	13.1	13.3	13.7	-	13.7	14.0	14.4	
ᄑ	HI PR	229	246	260	-	257	276	292	-	292	314	332	-	332	358	378	-	374	402	425	-	413 4	445	470	,
ㅂ	LO PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	ı

34.7	0.43	10	3.35	15.6	515	168	33.7	0.41	11	3.32	15.4	510	166	31.1	0.40	11	3.24	15.0	495	161
32.4	0.67	15	3.24	15.1	494	158	31.4	0.64	15	3.21	14.9	489	156	29.0	0.62	16	3.13	14.6	474	151
29.9	0.89	18	3.13	14.6	468	144	29.0	0.85	19	3.11	14.5	463	143	26.8	0.82	19	3.03	14.1	449	139
29.0	0.99	20	3.06	14.3	435	136	28.2	0.95	20	3.04	14.2	430	134	26.0	0.91	21	2.96	13.8	417	130
37.5	0.43	11	3.24	14.8	466	162	36.4	0.41	11	3.21	14.7	462	161	33.6	0.39	12	3.12	14.3	448	156
34.9	0.67	16	3.13	14.3	447	152	33.9	0.64	17	3.10	14.2	443	151	31.3	0.61	17	3.02	13.8	429	146
32.3	0.88	19	3.03	13.9	423	140	31.3	0.84	20	3.00	13.8	419	138	28.9	0.81	21	2.92	13.4	407	134
31.4	0.99	21	2.96	13.6	393	131	30.4	0.94	22	2.93	13.5	389	130	28.1	0.91	22	2.86	13.2	378	126
39.5	0.41	11	3.10	14.0	414	155	38.3	0.39	12	3.07	13.9	410	153	35.4	0.38	12	2.99	13.5	398	149
36.8	0.64	16	3.00	13.5	397	145	35.7	0.61	17	2.97	13.4	393	144	33.0	0.59	17	2.90	13.1	382	140
34.0	0.85	20	2.90	13.2	376	133	33.0	0.81	20	2.88	13.1	373	132	30.4	0.78	21	2.80	12.7	361	128
33.0	0.95	21	2.84	12.9	350	125	32.0	0.91	22	2.81	12.8	346	124	29.6	0.87	23	2.74	12.5	336	120
40.5	0.40	11	2.94	13.2	364	147	39.3	0.38	11	2.92	13.1	360	146	36.3	0.37	12	2.84	12.8	349	142
37.7	0.62	16	2.84	12.8	349	138	36.6	0.59	17	2.82	12.7	345	137	33.8	0.57	17	2.75	12.4	335	133
34.8	0.82	20	2.75	12.4	330	127	33.8	0.78	20	2.73	12.3	327	126	31.2	0.76	21	2.66	12.0	317	122
33.8	0.92	21	2.69	12.2	307	119	32.8	0.88	22	2.67	12.1	304	118	30.3	0.85	22	2.60	11.8	295	114
41.4	0.39	11	2.76	12.3	320	142	40.2	0.37	11	2.74	12.2	317	140	37.1	0.36	12	2.67	11.9	307	136
38.6	0.61	16	2.67	11.9	307	133	37.5	0.58	17	2.65	11.8	304	132	34.6	0.56	17	2.58	11.5	295	128
35.7	0.80	20	2.59	11.6	290	122	34.6	0.77	20	2.57	11.5	288	121	32.0	0.74	21	2.50	11.2	279	117
34.7	0.90	21	2.53	11.3	270	115	33.6	0.86	22	2.51	11.3	267	114	31.1	0.83	22	2.45	11.0	259	110
42.4	0.38	11	2.56	11.5	285	134	41.2	0.36	11	2.54	11.4	282	133	35.4 38.0	0.35	12	2.39 2.47	11.1	274	129
39.5	0.59	16	2.47	11.1	273	126	38.4	0.74 0.56 0.36 0.86	16	2.45	11.0	271	125	35.4	0.54	17	2.39	10.8	263	121
36.5	0.77	19	2.40	10.8	259	116	35.5	0.74	20	2.38	10.5 10.8 11.0	256	114	31.8 32.7	0.71	20	2.27 2.32	10.5	249	111
35.5	0.87	21	2.35	10.6	241	109	34.4	0.83	22	2.33	_	238	107	31.8	08.0	22	2.27	10.3	231	104
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔΤ	κw	Amps	HI PR	LO PR
			1349							1200			_			_	1052	· · ·	_	_
				_	_			_		75										

IDB = Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

ons. $kW = total \ system \ power$ Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects ACCA (TVA) conditions.

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EXPANDED COOLING DATA — GPC1436H41AA (CONT.)

	105 115		59 63 67 71 59 63 67 71	31.9 32.6 34.8 37.2 29.6 30.2 32.3 34.5	1.00 1.00 0.83 0.62 1.00 1.00 0.83 0.62	22 22 20 16 20 21 18 15	2.98 3.05 3.15 3.26 3.09 3.16 3.27 3.38	13.7 14.0 14.4 14.9 14.4 14.7 15.2 15.7	397 428 451 471 439 472 499 520	133 141 154 164 137 146 159 170	31.0 31.7 33.8 36.2 28.7 29.3 31.3 33.5	1.00 0.97 0.79 0.59 1.00 0.97 0.79 0.59	24 23 20 16 22 22 19 15	2.96 3.03 3.13 3.24 3.06 3.13 3.24 3.35	13.6 13.9 14.3 14.8 14.3 14.6 15.1 15.6	393 423 447 466 435 468 494 515	131 140 152 162 136 144 158 168	28.6 29.2 31.2 33.4 26.5 27.1 28.9 30.9	0.99 0.93 0.76 0.57 1.00 0.94 0.77 0.57	25 24 21 17 23 22 19 15	2.88 2.95 3.05 3.15 2.99 3.05 3.16 3.26	13.3 13.6 14.0 14.4 14.0 14.3 14.7 15.2	382 411 434 452 422 454 479 500	
TEMPERATURE	95	BULB TEMPERATURE	59 63 67 71	33.6 34.3 36.7 39.2	1.00 1.00 0.80 0.59	23 23 20 16	2.86 2.93 3.02 3.13	13.0 13.3 13.6 14.1	353 380 401 419	126 135 147 156	32.6 33.3 35.6 38.1	0.99 0.93 0.76 0.57	25 24 21 17	2.84 2.90 3.00 3.10	12.9 13.2 13.5 14.0	350 376 397 414	125 133 145 155	30.1 30.8 32.9 35.1	0.96 0.90 0.73 0.55	25 24 21 17	2.77 2.83 2.92 3.02	12.6 12.8 13.2 13.6	339 365 385 402	
OUTDOOR AMBIENT TEMPERATURE	85	ENTERING INDOOR WET	63 67 71	35.2 37.6 40.2	0.95 0.77 0.58	23 20 16	2.78 2.87 2.97	12.5 12.9 13.3	334 352 368	128 140 149	34.2 36.5 39.0	0.90 0.73 0.55	24 21 16	2.75 2.84 2.94	12.4 12.8 13.2	330 349 364	127 138 147	31.5 33.7 36.0	0.87 0.71 0.53	24 21 17	2.68 2.77 2.87	12.1 12.5 12.9	320 338 353	
	75		59 63 67 71 59	35.3 36.0 38.5 41.2 34.4	1.00 0.92 0.75 0.56 1.00	24 23 20 16 23	2.55 2.61 2.69 2.78 2.72	11.4 11.7 12.0 12.4 12.3	273 293 310 323 310	116 123 135 143 120	34.2 35.0 37.4 40.0 33.4	0.94 0.88 0.72 0.54 0.96	25 24 21 16 25	2.53 2.59 2.67 2.76 2.69	11.3 11.6 11.9 12.3 12.2	270 290 307 320 307	115 122 133 142 119	31.6 32.3 34.5 36.9 30.9	0.90 0.85 0.69 0.52 0.93	25 24 21 17 25	2.47 2.52 2.60 2.69 2.63	11.1 11.3 11.6 12.0 11.9	262 282 298 310 298	
	65		59 63 67 71	36.1 36.9 39.4 42.1	0.95 0.89 0.72 0.54	23 22 19 16	2.37 2.42 2.50 2.58	10.7 10.9 11.2 11.6	243 261 276 288	110 117 127 136	35.1 35.8 38.3 40.9	0.91 0.85 0.69 0.52	24 23 20 16	2.35 2.40 2.48 2.56	10.6 10.8 11.1 11.5	241 259 273 285	109 116 126 134	32.4 33.1 35.3 37.8	0.87 0.82 0.67 0.50 (25 24 21 16	2.29 2.34 2.41 2.49	10.4 10.6 10.9 11.2	233 251 265 277	
			IDB AIRFLOW	MBh	T/S	TΔ	1349 kW	Amps	HI PR	LO PR	MBh	S/T	TΔ	80 1200 kW	Amps	HI PR	LO PR	MBh	S/T	ТΔ	1052 kW	Amps	HI PR	

34.3	0.81	19	3.41	15.8	525	171	33.3	0.77	20	3.38	15.7	520	170	30.7	0.74	20	3.29	15.3	505	165
32.1 3	1.00 0.1	22 1	3.30 3.	15.3	504 5	161 1	31.2	0.95 0	23 2	3.27 3.	15.2	499 5	159 1	28.8	0.92 0.	23 2	3.18 3.	14.8	484 5	154 1
ш				6																
1 30.7	0 1.00	. 21	2 3.19	5 14.	3 477	8 147	2 29.8	0 1.00	23	9 3.16	4 14.7	9 472	7 146	9 27.5	0 1.00	1 24	1 3.08	1 14.4	6 458	3 141
0 30.1	00.1	21	9 3.12	0 14.5	5 443	5 138	9 29.2	6 1.00	22	5 3.09	9 14.4	439	137	1 26.9	1.00	24	3.01	5 14.1	426	133
7 37.0	9 0.80	20	3 3.29	5 15.0	476	166	7 35.9	1 0.76	21	3.26	14.9	471	164	1 33.1	0.74	21	7 3.18	14.5	457	159
34.7	0.99	23	3.18	. 14.5	456	155	33.7	0.94	24	3.15	14.4	451	154	31.1	0.91	25	3.07	, 14.1	438	149
33.1	1.00	23	3.08	14.1	432	142	32.1	1.00	25	3.05	14.0	428	141	29.7	1.00	26	2.97	13.7	415	137
32.5	1.00	22	3.01	13.8	401	134	31.5	1.00	24	2.98	13.7	397	133	29.1	1.00	25	2.91	13.4	385	129
38.9	0.77	20	3.15	14.2	423	158	37.8	0.74	21	3.13	14.1	419	156	34.9	0.71	22	3.05	13.8	406	152
36.5	0.95	24	3.05	13.8	405	148	35.4	0.91	25	3.02	13.6	401	147	32.7	0.87	25	2.95	13.3	389	142
34.8	1.00	24	2.95	13.4	384	136	33.8	1.00	56	2.93	13.3	380	135	31.2	0.97	56	2.85	12.9	369	131
34.2	1.00	23	2.89	13.1	357	128	33.2	1.00	25	2.86	13.0	353	126	30.6	1.00	27	2.79	12.7	343	123
39.9	0.75	20	2.99	13.4	371	150	38.7	0.71	21	2.97	13.3	368	149	35.8	0.69	21	2.89	13.0	356	144
37.4	0.92	23	2.89	13.0	326	141	36.3	0.88	24	2.87	12.9	352	140	33.5	0.85	25	2.80	12.6	342	136
35.7	1.00	24	2.80	12.6	337	129	34.7	0.97	56	2.78	12.5	334	128	32.0	0.94	56	2.71	12.2	324	124
35.0	1.00	24	2.74	12.4	313	122	34.0	1.00	56	2.72	12.3	310	120	31.4	0.97	27	2.65	12.0	301	117
40.9	0.73	20	2.81	12.5	326	145	39.7	0.70	21	2.78	12.4	323	143	36.6	0.67	21	2.71	12.1	313	139
38.3	0.90	23	2.72	12.1	313	136	37.2	98.0	24	2.69	12.0	310	135	34.3	0.83	25	2.63	11.7	301	131
36.6	1.00	25	2.63	11.8	296	124	35.5	0.95	56	2.61	11.7	293	123	32.8	0.92	56	2.54	11.4	285	120
35.9	1.00	24	2.57	11.5	275	117	34.8	0.98	56	2.55	11.4	273	116	32.2	0.95	27	2.49	11.2	264	112
41.8	0.70	20	2.60	11.7	291	137	40.6	0.67	21	2.58		288	136	37.5	0.65	21	2.51	11.3	279	132
39.2	0.87	23	2.52	11.3	279	129	38.1	0.83	24	2.50	11.2	276	127	35.1	0.80	24	2.43	11.0	268	124
37.4	96.0	25	2.44	11.0	264	118	36.4	0.92	26	2.42	10.9	261	117	33.6	0.88	56	2.36	10.7	254	113
36.7	1.00 (25	2.39	10.8	245	111	35.7	0.95 (26	2.37	10.7 10.9 11.2 11.6	243	110	32.9	0.92	26	2.31	10.5	236	106
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	ΚW	Amps	HI PR	O PR
			1349							1200							1052			
\vdash			_							82				_						

ions. $kW = total \ system \ power \\ Amps: Unit \ amps \ (comp.+ \ evaporator + condenser \ fan \ motors)$

Shaded area reflects AHRI (TVA) conditions.

Expanded Cooling Data — GPC1436H41AC

	105 115		63 67 71 59 63 67 71	32.8 36.0 - 29.3 30.4 33.3 -	0.71 0.49 - 0.85 0.71 0.49 -	16 12 - 17 15 11 -	3.05 3.15 - 3.09 3.16 3.26 -	13.5 13.9 - 13.9 14.2 14.7 -	415 439 - 426 459 485 -	142 155 - 138 147 160 -	31.9 34.9 - 28.5 29.5 32.3 -	0.67 0.47 - 0.81 0.68 0.47 -	16 12 - 18 15 12 -	3.02 3.13 - 3.06 3.13 3.24 -	13.4 13.8 - 13.8 14.1 14.5 -	1 434 - 422 454 480 -	141 153 - 137 145 159 -	29.4 32.2 - 26.3 27.2 29.9 -	0.65 0.45 - 0.78 0.66 0.45 -	17 13 - 18 16 12 -	2.95 3.05 - 2.98 3.05 3.15 -	13.1 13.5 - 13.5 13.8 14.2 -	399 421 - 409 441 465 -	
			9 65	31.7 32	0.85 0.	18 1	2.98 3.	13.2 13	386 4:	133 14	30.7 31	0.81 0.	19 1	2.96 3.	13.1 13	382 411	132 14	28.4 29	0.78 0.	19 1	2.88 2.	12.8 13	371 39	707
NT TEMPERATURE	95	T BULB TEMPERATURE	59 63 67 71	33.3 34.6 37.9 -	0.82 0.68 0.47 -	19 16 12 -	2.86 2.93 3.02 -	12.5 12.8 13.2 -	343 369 390 -	127 135 148 -	32.4 33.5 36.8 -	0.78 0.65 0.45 -	19 17 13 -	2.84 2.90 3.00 -	12.4 12.7 13.1 -	340 365 386 -	126 134 146 -	29.9 31.0 33.9 -	0.75 0.63 0.43 -	20 17 13 -	2.77 2.83 2.92 -	12.1 12.4 12.7 -	329 355 374 -	007
OUTDOOR AMBIENT TEMPERATURE	85	ENTERING INDOOR WET BULB TEMPERATURE	59 63 67 71	34.2 35.4 38.8 -	0.79 0.66 0.46 -	18 16 12 -	2.72 2.78 2.87 -	11.8 12.0 12.4 -	301 324 342 -	121 129 141 -	33.2 34.4 37.7 -	0.75 0.63 0.44 -	19 17 13 -	2.70 2.76 2.85 -	11.7 11.9 12.3 -	298 321 339 -	120 128 139 -	30.6 31.7 34.8 -	0.73 0.61 0.42 -	19 17 13 -	2.63 2.69 2.77 -	11.4 11.7 12.0 -	289 311 329 -	
	75		59 63 67 71	35.0 36.3 39.8 -	0.77 0.64 0.45 -	18 16 12 -	2.56 2.61 2.70 -	11.0 11.2 11.5 -	265 285 301 -	117 124 135 -	34.0 35.2 38.6 -	0.73 0.61 0.43 -	19 17 13 -	2.54 2.59 2.67 -	10.9 11.1 11.4 -	262 282 298 -	115 123 134 -	31.4 32.5 35.6 -	0.71 0.59 0.41 -	19 17 13 -	2.47 2.53 2.61 -	10.6 10.8 11.2 -	254 274 289 -	
	65		59 63 67 71	35.8 37.1 40.7 -	0.74 0.62 0.43 -	18 16 12 -	2.37 2.42 2.50 -	10.3 10.5 10.8 -	236 254 268 -	110 117 128 -	34.8 36.1 39.5 -	0.71 0.59 0.41 -	19 16 12 -	2.35 2.40 2.48 -	10.2 10.4 10.7 -	234 251 266 -	109 116 127 -	32.1 33.3 36.5 -	0.68 0.57 0.40 -	19 17 13 -	2.30 2.35 2.42 -	9.9 10.1 10.4 -	227 244 258 -	400
			IDB AIRFLOW	MBh	S/T	ΤΔ	1350 kW	Amps	HI PR	LO PR	MBh	S/T	ΔΤ	70 1201 kW	Amps	HI PR	LO PR	MBh	S/T	ΤΔ	1052 kW	Amps	HI PR	

36.7 39.7 4.2.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 33.9 34.9 37.8 40.6 30.9 30.8 30.8 38.7 41.6 11 21 20 0.80 0.61 0.39 0.83 0.63 0.90 0.80 0.61 0.39 0.83 0.63 0.04 0.96 0.96 0.93 0.83 0.63 0.04 0.96 0.96 0.99 0.93 0.83 0.90 0.96 0.99 0.99 2.99 2.99 2.99 2.99 2.99 2.99 2.99 2.99 2.99 2.99 2.89 2.99 2.89 2.99 2.89 3.99 411 21 21 21 21 21 21 21 22 22 22 23 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.1 39.0<	39.7 42.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 33.0 0.59 0.38 0.90 0.80 0.61 0.39 0.83 0.63 0.40 0.96 0.80 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.89 0.99 2.89 2.99 3.05 3.15 3.01 3.08 1.1 1.1 1.1 2.1 2.0 1.6 1.1 2.1 2.0 1.6 1.1 2.0 1.6 1.1 2.0 1.6 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.2 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 <th>39.7 42.6 34.7 35.8 38.7 41.6 33.9 44.9 37.8 40.6 32.2 33.2 35.8 0.59 0.38 0.60 0.61 0.39 0.63 0.63 0.63 0.63 0.63 0.63 0.69 0.69 0.69 0.60 0.80 0.60 0.60 0.60 0.60 0.</th> <th>39.7 42.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.9 38.8 0.59 0.38 0.61 0.39 0.61 0.39 0.63 0.63 0.60 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.69 0.89 0.</th> <th>39.7 42.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.2 38.5 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.9 38.9 0.63 0.40 0.96 0.86 0.65 0.42 0.99 0.99 0.89 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.96 0.86 0.69 0.89 3.13 3.13 3.13 3.13 3.13 3.14 3.13 3.14 <th< th=""><th>39.7 42.6 34.7 35.8 38.7 41.6 33.9 40.6 32.2 33.2 35.9 38.5 38.7 41.6 33.9 37.8 40.6 32.2 35.9 38.5 38.5 38.6 38.6 38.6 38.6 30.8 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.86 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 2.72 2.81 2.92 2.89 2.99 2.89 2.99 3.05 3.15 3.01 3.08 3.18 3.01 3.08 3.18 3.01 3.08 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.29 3.18 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.</th></th<></th>	39.7 42.6 34.7 35.8 38.7 41.6 33.9 44.9 37.8 40.6 32.2 33.2 35.8 0.59 0.38 0.60 0.61 0.39 0.63 0.63 0.63 0.63 0.63 0.63 0.69 0.69 0.69 0.60 0.80 0.60 0.60 0.60 0.60 0.	39.7 42.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.9 38.8 0.59 0.38 0.61 0.39 0.61 0.39 0.63 0.63 0.60 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.65 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.66 0.86 0.69 0.89 0.	39.7 42.6 34.7 35.8 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.2 38.5 38.7 41.6 33.9 34.9 37.8 40.6 32.2 35.9 38.9 0.63 0.40 0.96 0.86 0.65 0.42 0.99 0.99 0.89 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.97 0.96 0.86 0.65 0.42 0.96 0.86 0.69 0.89 3.13 3.13 3.13 3.13 3.13 3.14 3.13 3.14 <th< th=""><th>39.7 42.6 34.7 35.8 38.7 41.6 33.9 40.6 32.2 33.2 35.9 38.5 38.7 41.6 33.9 37.8 40.6 32.2 35.9 38.5 38.5 38.6 38.6 38.6 38.6 30.8 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.86 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 2.72 2.81 2.92 2.89 2.99 2.89 2.99 3.05 3.15 3.01 3.08 3.18 3.01 3.08 3.18 3.01 3.08 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.29 3.18 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.</th></th<>	39.7 42.6 34.7 35.8 38.7 41.6 33.9 40.6 32.2 33.2 35.9 38.5 38.7 41.6 33.9 37.8 40.6 32.2 35.9 38.5 38.5 38.6 38.6 38.6 38.6 30.8 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.86 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.97 2.72 2.81 2.92 2.89 2.99 2.89 2.99 3.05 3.15 3.01 3.08 3.18 3.01 3.08 3.18 3.01 3.08 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.29 3.18 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.29 3.18 3.
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0.87 2.05 3.05 3.15 3.01 3.08 3.18 3.29 3.12 3.19 12.9 1.3 13.3 13.6 14.0 14.7 14.0 14.4 373 394 411 390 420 443 462 431 464 137 149 159 135 143 145 140 14.4 373 36.7 39.4 411 390 420 443 462 431 464 374 149 159 13.2 143 15.7 14.0 14.4 38.9 36.7 36.8 36.8 36.8 36.8 36.8 36.8 36.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8
37.8 40.6 32.2 0.63 0.40 0.96 16 11 21 3.05 3.15 3.01 13.3 13.7 13.3 394 411 390 149 159 135 36.7 39.4 31.3 0.60 0.38 0.92 17 12 22 30.2 3.12 2.98 13.2 13.6 13.2 390 407 386 148 157 133 33.9 36.3 28.9 0.58 0.37 0.88 17 12 22 22 36.3 28.9 0.58 0.37 0.88 17 12 22 2.95 3.05 2.91 12.8 13.3 12.9 378 394 374	37.8 40.6 32.2 33.2 0.63 0.40 0.96 0.86 16 11 21 19 3.05 3.15 3.01 3.08 13.3 13.7 13.3 13.6 13.4 411 390 420 149 159 135 143 36.7 39.4 31.3 32.2 0.60 0.38 0.92 0.82 17 12 22 20 3.02 3.13 3.05 3.05 13.2 13.2 13.5 13.5 13.2 13.2 13.5 13.5 13.2 13.2 13.5 13.5 13.2 13.2 13.5 13.5 13.3 13.2 13.5 13.5 148 157 13.3 14.2 33.9 36.3 28.9 29.7 0.58 0.37 0.88 0.79 1.7	37.8 40.6 32.2 33.2 35.9 0.63 0.40 0.96 0.86 0.65 16 11 21 19 16 3.05 3.15 3.01 3.08 3.18 13.3 13.7 13.3 13.6 14.0 394 411 390 420 443 149 159 157 143 157 36.7 39.4 31.3 32.2 34.8 0.60 0.38 0.92 0.82 0.62 17 12 22 20 17 3.02 3.13 3.15 3.15 13.2 13.2 13.2 13.6 13.2 13.2 13.2 13.2 13.2 13.2 13.2 13.2 14.8 15.7 13.3 14.2 15.2 14.8 15.7 13.3 14.2 15.2 14.8 15.7 13.2 13.2	37.8 40.6 32.2 35.9 38.5 0.63 0.40 0.96 0.86 0.65 0.42 16 11 21 19 16 11 3.05 3.15 3.01 3.08 3.18 3.29 13.3 13.1 13.3 13.6 14.0 14.5 394 411 390 420 443 462 36.7 39.4 31.3 32.2 34.8 37.4 0.60 0.38 0.92 0.82 0.62 0.40 17 12 22 20 17 11 3.02 3.12 3.15 3.26 13.4 457 13.2 13.2 13.5 13.9 14.4 457 3.02 3.12 2.0 17 11 3.0 457 13.2 13.2 13.5 13.5 13.9 14.4 457 380 40.7 386 415	37.8 40.6 32.2 33.2 35.9 38.5 29.8 3 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0 16 11 21 19 16 11 20 20 3.05 3.15 3.01 3.08 3.18 3.29 3.12 3 13.3 13.1 13.3 13.6 14.0 14.5 14.0 1 394 411 390 420 443 462 431 4 149 159 135 143 157 167 139 1 36.7 39.4 31.3 32.2 34.8 37.4 29.0 2 0.60 0.38 0.92 0.82 0.62 0.40 0.93 0 17 12 2. 20 17 11 21 3 3.02 3.12 13.5 13.5 13.4 13.9 1 <	37.8 40.6 32.2 35.3 35.9 38.5 29.8 30.7 0.63 0.40 0.96 0.86 0.65 0.42 0.97 0.87 16 11 21 19 16 11 20 18 3.05 3.15 3.01 3.08 3.18 3.29 3.12 3.19 13.3 13.7 13.3 13.6 14.0 14.5 14.0 14.4 394 411 390 420 443 462 431 464 149 159 135 143 157 167 139 148 36.7 39.4 31.3 32.2 34.8 37.4 29.0 29.8 0.60 0.38 0.92 0.82 0.62 0.40 0.93 0.83 0.60 0.38 0.92 0.82 0.62 0.40 0.93 0.83 13.2 13.2 13.2 13.2 13.2
40.6 32.2 0.40 0.96 11 21 3.15 3.01 13.7 13.3 411 390 159 135 39.4 31.3 0.38 0.92 12 22 3.12 2.98 13.6 13.2 407 386 157 133 36.3 28.9 0.37 0.88 12 22 30.3 2.91 13.3 3.05 34.4 374	40.6 32.2 33.2 0.40 0.96 0.86 11 21 19 3.15 3.01 3.08 13.7 13.3 13.6 411 390 420 159 135 143 39.4 31.3 32.2 0.38 0.92 0.82 12 22 20 3.12 2.98 3.05 13.6 13.2 13.5 407 386 415 157 133 142 36.3 28.9 29.7 0.37 0.88 0.79 12 22 21 36.3 28.9 29.7 12 22 21 36.3 2.91 2.97 12 22 21 30.5 2.91 2.97 13 12.9 13.2 30.5 2.91 2.97 13.3 13.2<	40.6 32.2 33.2 35.9 0.40 0.96 0.86 0.65 3.15 3.01 3.08 3.18 13.7 13.3 13.6 14.0 411 390 420 443 159 135 143 157 39.4 31.3 32.2 34.8 0.38 0.92 0.82 0.62 12 22 20 17 3.12 2.98 3.05 3.15 13.6 13.5 13.5 13.9 407 386 415 439 157 133 142 155 36.3 2.99 3.05 3.15 36.3 2.89 2.97 32.2 0.37 0.88 0.79 0.60 12 22 21 17 30.5 2.91 2.97 3.07 3.05 2.91 2.97 3.07 3.05	40.6 32.2 33.2 35.9 38.5 0.40 0.96 0.86 0.65 0.42 11 21 19 16 11 3.15 3.01 3.08 3.18 3.29 13.7 13.3 13.6 14.0 14.5 411 390 420 443 462 159 135 143 157 167 39.4 31.3 32.2 34.8 37.4 0.38 0.92 0.82 0.62 0.40 12 22 20 17 11 3.12 2.98 3.05 3.15 3.6 13.6 13.2 13.5 13.4 457 407 386 415 439 457 157 133 142 155 165 36.3 28.9 29.7 32.2 34.5 0.37 0.88 0.79 0.60 0.39 1	40.6 32.2 33.2 35.9 38.5 29.8 3 0.40 0.96 0.86 0.65 0.42 0.97 0 11 21 19 16 11 20 3 3.15 3.01 3.08 3.18 3.29 3.12 3 13.7 13.3 13.6 14.0 14.5 14.0 1 411 390 420 443 462 431 4 159 135 143 157 167 139 1 150 31.3 32.2 34.8 37.4 29.0 2 0.38 0.92 0.82 0.62 0.40 0.93 0 12 2.2 20 17 11 21 3 3.15 13.5 13.5 13.9 14.4 13.9 1 407 386 415 439 457 426 4 12. 13.3	406 32.2 33.2 35.9 38.5 29.8 30.7 0.40 0.96 0.86 0.65 0.42 0.97 0.87 11 21 19 16 11 20 18 3.15 3.01 3.08 3.18 3.29 3.12 3.19 13.7 13.3 13.6 14.0 14.5 14.0 14.4 411 390 420 443 462 431 464 159 135 143 157 167 139 148 39.4 31.3 32.2 34.8 37.4 29.0 29.8 0.38 0.92 0.82 0.62 0.40 0.93 0.83 3.12 2.2 17 11 21 19 3.12 2.39 3.15 3.6 3.09 3.16 13.6 13.2 13.9 14.7 14 14 40.7 386 415
32.2 0.96 21 3.01 13.3 390 13.5 31.3 0.92 22 22 2.98 13.2 386 13.2 386 13.2 386 13.2 386 13.2 386 13.2 387 374	32.2 33.2 32.6 0.86 21 19 3.01 3.08 13.3 13.6 390 420 13.5 143 31.3 32.2 0.92 0.82 22 20 2.98 3.05 13.2 142 2.98 3.05 13.2 13.5 386 415 13.2 13.5 386 29.7 0.88 0.79 22 21 22 20 2.98 3.05 13.2 13.5 386 415 13.2 13.5 386 415 13.2 13.5 386 415 13.3 142 2.9 29.7 0.8 0.79 2.9 29.7 0.8 0.79	32.2 33.2 35.9 0.96 0.86 0.65 21 19 16 3.01 3.08 3.18 13.3 13.6 14.0 390 420 443 135 143 157 31.3 32.2 34.8 0.92 0.82 0.62 22 20 17 2.98 3.05 3.15 13.2 13.5 13.9 386 415 439 13.2 13.5 13.9 386 0.79 0.60 22 21 17 2.91 2.97 3.07 12.91 2.97 3.07 12.91 2.97 3.07 12.91 2.97 3.07	32.2 33.2 35.9 38.5 0.96 0.86 0.65 0.42 21 19 16 11 3.01 3.08 3.18 3.29 13.3 13.6 14.0 14.5 390 420 443 462 135 143 157 167 31.3 32.2 34.8 37.4 0.92 0.82 0.62 0.40 22 20 17 11 29 3.05 3.15 3.26 13.2 13.5 13.9 14.4 386 415 439 457 13.2 13.5 13.9 14.4 386 415 439 457 13.3 142 155 165 28.9 29.7 32.2 34.5 0.88 0.79 0.60 0.39 2.91 2.97 3.07 3.18 12.9 3.07<	32.2 33.2 35.9 38.5 29.8 3 0.96 0.86 0.65 0.42 0.97 0 21 19 16 11 20 3.01 3.08 3.18 3.29 3.12 3 13.3 13.6 14.0 14.5 14.0 1 390 420 443 462 431 4 135 143 157 167 139 1 31.3 32.2 34.8 37.4 29.0 2 0.92 0.82 0.62 0.40 0.93 0 2.2 20 17 11 21 2 2.98 3.05 3.15 3.6 4 4 2.98 3.05 3.15 3.6 4 4 4 13.2 13.2 14.4 13.9 1 3 4 4 4 2.98 3.05 3.15 3.6	32.2 33.2 35.9 38.5 29.8 30.7 0.96 0.86 0.65 0.42 0.97 0.87 21 19 16 11 20 18 3.01 3.08 3.18 3.29 3.12 3.19 13.3 13.6 14.0 14.5 14.0 14.4 390 420 443 462 431 464 135 143 157 167 139 148 31.3 32.2 34.8 37.4 29.0 29.8 0.92 0.82 0.62 0.40 0.93 0.83 2.98 3.05 3.15 3.19 14.2 19 2.98 3.05 3.15 3.4 14.2 14.2 3.86 415 439 457 426 459 413 14.2 13.9 14.7 12.2 20.2 2.99 3.16 13.9 3.16 3.16<
	33.2 0.86 19 3.08 13.6 420 143 32.2 0.82 20 20 3.05 145 142 142 297 297 297 297 297 297 297 29	33.2 35.9 0.86 0.65 19 16 3.08 3.18 13.6 14.0 420 443 143 157 32.2 34.8 0.82 0.62 20 17 3.05 3.15 13.5 13.9 415 439 142 155 29.7 32.2 0.79 0.60 21 17 22 3.07 13.2 3.07 403 425 403 425	33.2 35.9 38.5 0.86 0.65 0.42 19 16 11 3.08 3.18 3.29 13.6 14.0 14.5 420 443 462 143 157 167 32.2 34.8 37.4 0.82 0.62 0.40 20 17 11 3.05 3.15 3.26 13.5 13.9 14.4 415 439 457 142 155 165 29.7 32.2 34.5 0.79 0.60 0.39 21 17 12 22.97 3.07 3.18 13.2 13.6 14.0 415 439 457 142 155 165 29.7 32.2 34.5 0.79 0.60 0.39 21 17 12 22.97 3.07 3.18 13.2 13.6 14.0	33.2 35.9 38.5 29.8 3 0.86 0.65 0.42 0.97 0 19 16 11 20 3 3.08 3.18 3.29 3.12 3 13.6 14.0 14.5 14.0 1 420 443 462 431 4 143 157 167 139 1 32.2 34.8 37.4 29.0 2 0.82 0.62 0.40 0.93 0 20 17 11 21 3 3.05 3.15 3.26 3.09 3 3.05 3.15 3.26 45 45 415 43 45 45 46 415 43 45 26.7 2 20.7 3.2 3.45 26.7 2 21 17 12 1 1 21 17 3.2	33.2 35.9 38.5 29.8 30.7 0.86 0.65 0.42 0.97 0.87 19 16 11 20 18 3.08 3.18 3.29 3.12 3.19 13.6 14.0 14.5 14.0 14.4 420 443 462 431 464 143 157 167 139 148 32.2 34.8 37.4 29.0 29.8 0.82 0.62 0.40 0.93 0.83 20 17 11 21 19 3.05 3.15 3.26 3.09 3.16 13.5 13.9 14.4 13.9 14.2 415 439 457 426 459 415 439 457 426 459 414 13.9 1.47 12 17 29.7 3.25 3.45 26.7 27.5 29.7
		35.9 0.65 16 3.18 14.0 443 157 157 34.8 0.62 17 3.15 3.15 3.15 3.15 3.15 3.15 3.15 3.15 3.15 3.18 3.15 3	35.9 38.5 0.65 0.42 16 11 3.18 3.29 14.0 14.5 443 462 157 167 34.8 37.4 0.62 0.40 17 11 3.15 3.26 13.9 14.4 439 457 155 165 32.2 34.5 0.60 0.39 17 12 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18	35.9 38.5 29.8 3 0.65 0.42 0.97 0 16 11 20 3.18 3.29 3.12 3 14.0 14.5 14.0 1 443 462 431 4 157 167 139 1 34.8 37.4 29.0 2 0.62 0.40 0.93 0 17 11 21 3.15 3.26 3.09 3 13.9 14.4 13.9 1 439 457 426 4 155 165 138 1 155 165 0.89 0 17 12 21 3.15 3.67 2 0.60 0.39 0.89 0 17 12 21 3.15 3.67 2 3.15 3.67 2 3.15 3.67 2 3.15 3.67 2 3.15 3.67 3 3.15 3.67 3 3.15 3.67 3 3.15 3.67 3 3.15 3.67 3 3.15 3.67 3 3.15 3.67 3 3.17 3.18 3.01 3	35.9 38.5 29.8 30.7 0.65 0.42 0.97 0.87 16 11 20 18 3.18 3.29 3.12 3.19 14.0 14.5 14.0 14.4 443 462 431 464 157 167 139 148 34.8 37.4 29.0 29.8 0.62 0.40 0.93 0.83 17 11 21 19 3.15 3.26 3.09 3.16 13.9 14.4 13.9 14.2 439 457 426 459 155 165 138 147 32.2 34.5 26.7 27.5 0.60 0.39 0.89 0.80 17 12 21 19 30.7 3.18 3.01 3.08 30.7 3.18 3.01 3.08 425 441

ions. $kW = total \ system \ power \ Amps: Unit amps \ (comp.+ evaporator + condenser fan motors)$ Shaded area reflects ACCA (TVA) conditions.

EXPANDED COOLING DATA — GPC1436H41AC (cont.)

П			71	35.4	0.61	15	3.44	15.4	516	174	34.4	0.58	15	3.41	15.3	511	172	31.8	0.56	15	3.32	14.9	495	167
			29	33.1	0.81	18	3.32	14.9	494	164	32.2	0.77	19	3.29	14.8	489	162	29.7	0.75	19	3.21	14.4	475	157
	115		63	31.0	1.00	21	3.21	14.5	468	150	30.1	0.95	22	3.19	14.4	464	148	27.8	0.92	22	3.10	14.0	450	144
			29	30.4	1.00	21	3.14	14.2	435	141	29.5	1.00	23	3.12	14.0	431	139	27.2	0.98	23	3.04	13.7	418	135
			71	38.3	09.0	16	3.32	14.6	467	168	37.1	0.57	16	3.29	14.5	462	167	34.3	0.55	17	3.20	14.2	448	162
			67	35.8	0.81	20	3.21	14.2	447	158	34.7	0.77	20	3.18	14.0	443	157	32.1	0.74	21	3.10	13.7	430	152
	105		63	33.5	1.00	23	3.10	13.7	424	145	32.5	0.94	23	3.08	13.6	420	143	30.0	0.91	24	3.00	13.3	407	139
			59	32.8	1.00	22	3.03	13.4	394	136	31.8	1.00	24	3.01	13.3	390	135	29.4	0.97	25	2.93	13.0	378	131
			71	40.3	0.58	16	3.18	13.8	415	161	39.1	0.55	17	3.15	13.7	411	159	36.1	0.53	17	3.07	13.4	398	154
3E		ATURE	67	37.7	0.78	20	3.07	13.4	398	151	36.6	0.74	21	3.05	13.3	394	149	33.8	0.71	21	2.97	12.9	382	145
ERATUR	95	BULB TEMPERATUR	63	35.3	0.95	23	2.98	13.0	377	138	34.2	0.91	24	2.95	12.9	373	137	31.6	0.88	24	2.88	12.6	362	133
OUTDOOR AMBIENT TEMPERATURE		r Bulb	29	34.5	1.00	24	2.91	12.7	350	130	33.5	0.97	25	2.89	12.6	347	129	30.9	0.93	25	2.81	12.3	336	125
AMBIEN		ENTERING INDOOR WET	71	41.3	0.56	16	3.02	13.0	364	153	40.1	0.54	16	2.99	12.9	361	151	37.0	0.52	17	2.92	12.6	350	147
TDOOR		IG INDO	67	38.6	0.75	20	2.92	12.6	349	144	37.5	0.72	21	2.89	12.5	346	142	34.6	69.0	21	2.82	12.2	332	138
OU	82	NTERIN	63	36.1	0.92	23	2.83	12.2	331	132	35.1	0.88	24	2.80	12.1	327	130	32.4	0.85	24	2.73	11.9	318	126
		۳	59	35.4	1.00	24	2.76	12.0	307	124	34.3	0.94	25	2.74	11.9	304	122	31.7	0.91	25	2.67	11.6	295	119
			71	42.3	0.55	16	2.83	12.1	320	147	41.1	0.52	16	2.81	12.0	317	146	37.9	0.50	17	2.74	11.7	308	141
			29	39.6	0.73	20	2.74	11.7	307	138	38.4	0.70	21	2.72	11.6	304	137	35.4	0.67	21	2.65	11.3	295	133
	75		63	37.0	0.90	23	2.65	11.4	291	127	35.9	98.0	24	2.63	11.3	288	125	33.2	0.83	24	2.57	11.0	279	122
			59	36.2	96.0	24	2.60	11.1	270	119	35.2	0.92	25	2.58	11.1	268	118	32.5	0.88	25	2.51	10.8	260	114
			71	43.3	0.53	16	2.62	11.3	285	139	42.0	0.50	16	2.60	11.2	283	138	38.8	0.49	16	2.54	10.9	274	134
	2		67	40.5	0.71	20	2.54	10.9	274	131	39.3	0.67	20	2.52	10.8	271	129	36.3	0.65	21	2.46	10.6	263	126
	65		63	37.9	0.87	22	2.46	10.6	259	120	36.8	0.83	23	2.44	10.6	257	119	34.0	0.80	24	2.38	10.3	249	115
			59	37.1	0.93	23	2.41	10.4	241	113	36.0	0.88	24	2.39	10.3	238	111	33.2	0.85	25	2.33	10.1	231	108
			ow	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR
			AIRFLOW				1350			Ч				1201			_				1052			
			IDB				_				<u> </u>			80	_			_			_			

			13							85 1201				L			1052			
MBh	S/T	ΔT	1350 kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	01 kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	52 kW	Amps	HI PR	LO PR
	Н	Н				-	Н			_	_		_	_		_		_	_	_
37.7 38.5	0.97 0.94	25 25	2.43 2.48	10.5 10.7	243 262	114 121	36.6 37.	0.93 0.89	26 26	2.41 2.4	10.4 10.6	241 259	113 120	33.8 34.5	0.89 0.86	26 26	2.35 2.40	10.2 10.4	234 251	109 116
.5 40.3	0.85	5 23	18 2.56	.7 11.0	2 276	1 132	37.4 39.1	18.0 68	5 24	2.46 2.54	6.01 9.	9 274	0 131	.5 36.1	36 0.78	26 25	0 2.48	.4 10.7	1 265	6 127
3 43.0	5 0.69	20	6 2.65	0 11.4	5 288	2 141	1 41.7	1 0.65	. 21	4 2.62	9 11.3	1 285	1 139	1 38.5	8 0.63	21	8 2.56	7 11.0	5 277	7 135
36.9	1.00	25	5 2.62	11.2	273	120	35.8	96.0	56	2.60	11.1	270	119	33.0	0.93	27	5 2.53	10.9	792	115
37.6	0.97	25	2.68	11.5	294	128	36.5	0.93	56	2.65	11.4	291	127	33.7	0.89	26	2.59	11.1	282	123
39.4	0.88	24	2.76	11.8	310	140	38.2	0.84	24	2.74	11.7	307	138	35.3	0.81	25	2.67	11.4	298	134
42.0	0.71	20	2.86	12.2	323	149	40.8	0.68	21	2.83	12.1	320	147	37.6	0.65	21	2.76	11.8	311	143
36.0	1.00	25	2.79	12.1	310	125	34.9	0.98	56	2.76	12.0	307	124	32.2	0.95	27	2.70	11.7	298	120
36.7	1.00	25	2.85	12.3	334	133	35.6	0.95	56	2.83	12.2	331	132	32.9	0.92	56	2.75	11.9	321	128
38.4	06.0	24	2.94	12.7	353	145	37.3	98.0	24	2.92	12.6	349	144	34.4	0.83	25	2.84	12.3	339	139
41.0	0.73	20	3.04	13.1	368	154	39.8	0.70	21	3.02	13.0	364	153	36.7	0.67	22	2.94	12.7	353	148
35.1	1.00	24	2.93	12.8	354	131	34.1	1.00	56	2.91	12.7	350	130	31.5	0.98	27	2.84	12.4	340	126
35.8	1.00	24	3.00	13.1	380	140	34.7	0.98	26	2.98	13.0	377	138	32.1	0.95	56	2.90	12.7	365	134
37.5	0.93	24	3.10	13.5	402	152	36.4	0.89	25	3.07	13.4	398	151	33.6	0.85	25	3.00	13.0	386	146
40.0	0.75	21	3.21	13.9	419	162	38.8	0.72	21	3.18	13.8	415	161	35.8	0.69	22	3.10	13.5	402	156
33.4	1.00	23	3.06	13.6	398	137	32.4	1.00	25	3.03	13.4	394	136	29.9	1.00	56	2.96	13.1	382	132
34.0	1.00	23	3.13	13.9	428	146	33.0	1.00	25	3.10	13.7	424	145	30.5	0.98	56	3.02	13.4	411	140
35.6	96.0	23	3.23	14.3	452	160	34.6	0.92	24	3.21	14.2	447	158	31.9	0.89	25	3.12	13.8	434	153
38.0	0.78	20	3.34	14.8	471	170	36.9	0.75	21	3.32	14.6	467	168	34.0	0.72	21	3.23	14.3	453	163
30.9	1.00	21	3.17	14.3	439	142	30.0	1.00	23	3.14	14.2	435	141	27.7	1.00	24	3.06	13.8	422	137
31.5	1.00	21	3.24	14.6	473	151	30.6	1.00	23	3.21	14.5	468	150	28.2	0.99	24	3.13	14.1	454	145
33.0	0.97	22	3.35	15.0	499	165	32.0	0.93	23	3.32	14.9	494	164	29.6	0.89	23	3.24	14.5	480	159
35.2	0.79	19	3.47	15.6	521	176	34.2	0.75	20	3.44	15.4	516	174	31.5	0.72	20	3.35	15.0	500	169

 $\mbox{kW} = \mbox{total system power} \\ \mbox{Amps. Unit amps (comp.+ evaporator + condenser fan motors)} \\$

Shaded area reflects AHRI (TVA) conditions.

Expanded Cooling Data — GPC1442H41AA

63 75 75 85 95 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 </th <th></th> <th>9</th> <th>OUTDOOR AMBIENT TEMPERATURE</th> <th>AMBIE</th> <th>NT TEM</th> <th>ERATU</th> <th><u></u></th> <th></th> <th></th> <th></th> <th></th> <th>ŀ</th> <th></th> <th></th> <th></th> <th>П</th>													9	OUTDOOR AMBIENT TEMPERATURE	AMBIE	NT TEM	ERATU	<u></u>					ŀ				П
FLOW 59 63 67 71 59 63 67 71 59 MBh 39.7 41.1 45.1 - 38.8 40.2 44.0 - 37.8 S/T 0.75 0.63 0.43 - 0.78 0.65 0.45 - 0.80 ΔΤ 19 16 12 - 19 16 12 - 19 kW 2.54 2.60 2.68 - 2.74 2.80 2.89 - 2.92 Amps 11.6 11.8 12.1 - 12.4 12.6 13.3 - 13.3 HI PR 236 254 268 - 2.74 2.80 2.89 - 2.92 AT 20 17 13 - 12.4 12.6 13.3 - 13.3 Amps 11.5 11.7 12.0 - 12.7 13 - 2.98					9	55			7	2			∞	_			6				105				115		
4 63 64 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 </th <th></th> <th>- 1</th> <th></th> <th>ENTERIN</th> <th>IG INDO</th> <th>OR WE</th> <th>T BULB</th> <th>TEMPE</th> <th>RATURE</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		- 1											ENTERIN	IG INDO	OR WE	T BULB	TEMPE	RATURE									
MBh 39.7 41.1 45.1 - 38.8 40.2 44.0 - 37.8 39.0 41.0 - 36.9 38.9 40.2 44.0 - 37.8 39.0 43.0 67.0 0.66 0.67 0.46 - 0.82 0.69	Alf	F	LOW	29	63	29	71	29	63	67	71	59	63	29	71	29	63	29	71	59	63	29	71	29	63 (. 29	71
δ/T 0.75 0.63 0.43 - 0.78 0.65 0.45 - 0.80 0.67 0.46 - 0.82 0.69 ΔT 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 - 19 16 12 19 16 12 - 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 16 12 19 12 19 12		Н	MBh	39.7	41.1	45.1		38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5 3	33.7 3	36.9	,
kw 2.54 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.9 1.6 1.2 1.6 1.2 1.8 1.2 1.2 2.80 2.89 2.92 2.98 3.08 2.9 3.07 3.14 Amps 1.1.6 1.1.8 12.1 1.2 1.2 1.2 1.30 2.89 2.98 3.08 3.07 3.14 MBh 38.5 2.54 2.68 2.6 2.85 30.1 2.9 1.2 1.40 1.4 1.4 1.4 MBh 38.5 39.9 43.8 2.9 43.7 2.0 1.2 1.2 1.4 1.4 1.4 MBh 38.5 39.9 43.8 3.0 42.7 2.8 2.8 2.0 1.2 1.2 1.2 1.2 1.2 1.2 1.			S/T	0.75		0.43	_	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	69.0	0.48	-	0.86	0.71	0.49	- (0.86 0	0.72 0	0.50	
kW 2.54 2.60 2.68 - 2.99 2.99 3.08 - 3.07 3.14 Amps 11.6 11.8 12.1 - 12.4 12.6 13.0 - 13.3 13.6 14.0 - 14.1 14.4 HI PR 236 254 268 - 265 285 301 - 13.6 14.0 - 14.1 14.4 HI PR 38.5 35.9 43.8 - 116 123 134 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 126 13.4 - 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13			ΔT	19	16	12	_	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	
Amps 11.6 11.8 12.1 12.4 12.6 13.0 - 13.3 13.6 14.0 - 14.1 14.4 HI PR 236 254 268 - 265 285 301 - 301 324 342 - 343 369 LO PR 110 116 127 - 116 123 134 - 120 128 140 - 126 134 MBH 38.5 39.9 43.8 - 37.6 39.0 42.7 - 36.7 38.1 41.7 - 126 134 AT 0.72 0.60 0.41 - 0.74 0.62 0.43 - 0.76 0.44 0.79 0.66 0.79 0.76 0.79 0.76 0.79 0.76 0.79 0.76 0.79 0.76 0.79 0.76 0.74 0.72 0.78 2.87 2.87 2.87 2.89 2.82 <th>1461</th> <th>_</th> <td>kW</td> <td>2.54</td> <td></td> <td>2.68</td> <td></td> <td>2.74</td> <td>2.80</td> <td>2.89</td> <td>-</td> <td>2.92</td> <td>2.98</td> <td>3.08</td> <td>1</td> <td>3.07</td> <td>3.14</td> <td>3.25</td> <td>-</td> <td>3.21</td> <td>3.28</td> <td>3.39</td> <td>-</td> <td>3.32 3</td> <td>3.40 3</td> <td>3.51</td> <td></td>	1461	_	kW	2.54		2.68		2.74	2.80	2.89	-	2.92	2.98	3.08	1	3.07	3.14	3.25	-	3.21	3.28	3.39	-	3.32 3	3.40 3	3.51	
HI PR 236 268 265 385 301 324 342 342 349 369 LO PR 110 116 127 - 116 123 134 - 126 136 134 126 136 134 126 134 126 134 134 - 126 134 134 136 134 134 - 126 134 134 136 134 134 134 136 134 134 134 134 134 134 134 134 134 134 136 134 134 134 134 134 136 134 134 136 134 134 136 134 134 136 134 134 134 136 134 134 136 134 134 136 134 136 134 134 136 134 136 134 136 134 136 134 136		—	Amps	11.6				12.4	12.6	13.0	-	13.3	13.6	14.0	-	14.1	14.4	14.9	-	14.9	15.3	15.7	- 1	15.7 1	16.1 1	16.6	
MBh 38.5 39.9 43.8 - 136 137 - 140 - 126 134 - 120 140 - 126 134 MBh 38.5 39.9 43.8 - 37.6 39.0 42.7 - 36.7 38.1 41.7 - 35.8 37.1 S/T 0.72 0.60 0.41 - 0.74 0.62 0.43 - 0.76 0.44 - 0.79 0.66 AT 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 14.0 14.3 - 14.3 - 18.2 13.9 13.9			HI PR	236		268		265	285	301	-	301	324	342	-	343	369	390	-	386	415	439	7 -	426 4	459 4	485	-
MBh 38.5 39.9 43.8 - 37.6 39.0 42.7 - 36.7 38.1 41.7 - 35.8 37.1 δ/T 0.72 0.60 0.41 - 0.74 0.62 0.43 - 0.76 0.64 0.44 - 0.79 0.66 ΔΛ 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14		_	LO PR	110	116	127		116	123	134		120	128	140		126	134	147	-	132	141	154		137 1	146 1	159	
δ/T 0.72 0.60 0.41 - 0.74 0.62 0.43 - 0.76 0.64 0.44 - 0.79 0.66 ΔT 20 17 13 - 20 17 13 - 20 17 3 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 14 <t< th=""><th></th><th>г</th><td>MBh</td><td>38.5</td><td></td><td>43.8</td><td></td><td>37.6</td><td>39.0</td><td>42.7</td><td>-</td><td>36.7</td><td>38.1</td><td>41.7</td><td>-</td><td>35.8</td><td>37.1</td><td>40.7</td><td>-</td><td>34.1</td><td>35.3</td><td>38.7</td><td>-</td><td>31.5 3</td><td>32.7 3</td><td>35.8</td><td>,</td></t<>		г	MBh	38.5		43.8		37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5 3	32.7 3	35.8	,
AT 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 13 13 13 13 13 13 13 14		_	S/T	0.72	09.0	0.41	_	0.74	0.62	0.43	-	92.0	0.64	0.44	-	0.79	99.0	0.45	-	0.82	0.68	0.47	- (0.82 0	0.69 0	0.48	
kW 2.52 2.58 2.66 2.72 2.78 2.87 2.89 2.96 3.06 3.05 3.12 3.12 Amps 11.5 11.7 12.0 - 12.3 12.9 - 13.5 13.9 - 14.0 14.3 HI PR 234 251 266 - 262 282 298 - 298 321 339 - 14.0 14.3 MBH 35.6 40.4 - 115 12 133 - 119 127 138 - 125 133 S/T 0.69 0.58 0.40 - 14.7 36.0 39.4 - 33.9 35.1 38.5 - 125 133 AT 1.09 0.58 0.40 - 17.2 13.4 3 35.1 38.5 37.1 34.3 36.3 AT 1.09 0.58 0.40 0.77 0.60 0.41 <		_	ΔT	20	17	13	_	20	17	13	-	20	17	13	-	20	17	13		20	17	13	-	18	16	12	
Amps 11.5 11.7 12.0 - 12.3 12.9 - 13.5 13.5 13.9 - 14.0 14.3 HI PR 234 251 266 - 262 282 298 - 298 321 339 - 340 366 LO PR 115 126 - 115 122 133 - 119 127 138 - 125 133 ABH 35.6 40.4 - 14.7 36.0 39.4 - 38.5 3.5 38.5 3.3 34.0 36.0 S/T 0.69 0.58 0.40 - 0.72 0.60 0.41 - 0.73 0.61 0.42 - 0.76 0.63 AV 2.0 13 - 2 13 - 2 1.2 13 - 0.76 0.63 0.71 1.8 - 0.76 0.63 0.76 0.78 <	1300	_	kW	2.52	2.58	5.66	_	2.72	2.78	2.87	-	2.89	2.96	3.06	-	3.05	3.12	3.22	-	3.18	3.25	3.36	- (1)	3.29 3	3.37 3	3.48	-
HI PR 234 251 266 - 262 282 298 - 298 321 339 - 340 366 LO PR 118 126 - 115 122 133 - 119 127 138 - 125 133 MBh 35.6 36.9 40.4 - 34.7 36.0 39.4 - 33.9 5.1 38.5 133 34.3 S/T 0.69 0.58 0.40 - 0.72 0.60 0.41 - 0.73 0.61 0.42 - 0.76 0.63 kW 2.0 17 13 - 20 17 13 - 20 18 kW 2.46 2.51 2.59 - 2.65 2.71 2.80 - 2.82 2.98 - 2.97 3.04 Amps 11.2 11.4 11.8 - 12.6 12.6 12.6 <td< th=""><th></th><th></th><td>Amps</td><td>11.5</td><td></td><td>12.0</td><td>_</td><td>12.3</td><td>12.5</td><td>12.9</td><td>-</td><td>13.2</td><td>13.5</td><td>13.9</td><td>-</td><td>14.0</td><td>14.3</td><td>14.7</td><td>-</td><td>14.8</td><td>15.1</td><td>15.6</td><td>- 1</td><td>15.6 1</td><td>15.9 1</td><td>16.4</td><td>-</td></td<>			Amps	11.5		12.0	_	12.3	12.5	12.9	-	13.2	13.5	13.9	-	14.0	14.3	14.7	-	14.8	15.1	15.6	- 1	15.6 1	15.9 1	16.4	-
MBh 35.6 36.9 40.4 - 115 122 133 - 119 127 138 - 125 133 MBh 35.6 36.9 40.4 - 34.7 36.0 39.4 - 33.9 35.1 38.5 - 33.1 34.3 S/T 0.69 0.58 0.40 - 0.72 0.60 0.41 - 0.73 0.61 0.42 - 0.76 0.63 kW 2.0 17 13 - 20 17 13 - 20 18 Amps 11.2 11.4 11.8 - 12.0 12.6 2.82 2.98 - 2.97 3.04 HI PR 277 244 258 - 254 274 289 - 289 31 329 - 329 352 355			HI PR	_	251	266		262	282	298	-	298	321	339	-	340	366	386	·	382	411	434	-	422 4	454 4	480	
MBh 35.6 36.9 40.4 - 34.7 36.0 39.4 - 33.9 35.1 38.5 - 33.1 34.3 S/T 0.69 0.58 0.40 - 0.72 0.60 0.41 - 0.73 0.61 0.42 - 0.76 0.63 ΔΤ 1.2 1.7 1.3 - 20 1.7 1.3 - 20 1.8 - 20 1.8 - 1.8 - 1.8 - 1.8 - 1.8 - 1.2 <td< th=""><th></th><th>ᅱ</th><td>LO PR</td><td>108</td><td>115</td><td>126</td><td></td><td>115</td><td>122</td><td>133</td><td>,</td><td>119</td><td>127</td><td>138</td><td></td><td>125</td><td>133</td><td>145</td><td></td><td>131</td><td>139</td><td>152</td><td>,</td><td>136 1</td><td>144 1</td><td>157</td><td></td></td<>		ᅱ	LO PR	108	115	126		115	122	133	,	119	127	138		125	133	145		131	139	152	,	136 1	144 1	157	
δ/T 0.69 0.58 0.40 - 0.72 0.60 0.41 - 0.73 0.61 0.42 - 0.76 0.63 ΔΤ 20 17 13 - 20 17 13 - 20 18 19 19 19 19 19 19 19 19 19 19 19 19 19 19 19 19 <th></th> <th>М</th> <td>MBh</td> <td>35.6</td> <td></td> <td></td> <td></td> <td>34.7</td> <td>36.0</td> <td>39.4</td> <td>-</td> <td>33.9</td> <td>35.1</td> <td>38.5</td> <td>-</td> <td>33.1</td> <td>34.3</td> <td>37.6</td> <td>·</td> <td>31.4</td> <td>32.6</td> <td>35.7</td> <td>- 2</td> <td>29.1 3</td> <td>30.2</td> <td>33.1</td> <td></td>		М	MBh	35.6				34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	·	31.4	32.6	35.7	- 2	29.1 3	30.2	33.1	
AT 20 17 13 - 20 17 13 - 20 17 13 - 20 18 - 20 18 - 20 18 -		_	S/T	0.69		0.40	,	0.72	09.0	0.41	,	0.73		0.42	-	92.0	0.63	0.44	-	0.79	99.0	0.46	-	0.79 0	0.66 0	0.46	
kW 2.46 2.51 2.59 - 2.65 2.71 2.80 - 2.82 2.88 2.98 - 2.97 3.04 Amps 11.2 11.4 11.8 - 12.0 12.6 - 12.9 13.5 - 13.7 14.0 H PR 227 244 258 - 254 274 289 - 289 311 329 - 329 355		_	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	
11.2 11.4 11.8 - 12.0 12.6 - 12.9 13.5 - 13.7 14.0 227 244 258 - 254 274 289 - 289 311 329 - 329 355	1139	_	kW	2.46		2.59	_	2.65	2.71	2.80	-	2.82	2.88	2.98	-	2.97	3.04	3.14	-	3.10	3.17	3.27	- (1)	3.21 3	3.28 3	3.39	-
227 244 258 - 254 274 289 - 289 311 329 - 329 355			Amps	11.2				12.0	12.2	12.6	-	12.9	13.2	13.5	-	13.7	14.0	14.4	-	14.4	14.8	15.2	-	15.2 1	15.5 1	16.0	-
			HI PR	227	244	258	-	254	274	289	-	289	311	329	-	329	355	374	-	371	399	421	-	410 4	441 4	465	,
LO PR 105 112 122 - 111 118 129 - 115 123 134 - 121 129 1		—	LO PR	_	112	122		111	118	129		115	123	134		121	129	141	-	127	135	148		131 1	140 1	153	

40.4 41.6 45.0 48.3 39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88			1461							_										
40.4 41.6 45.0 48.3 39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.85 0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	_					_	Г			1300		_	_				1139			
39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.76 0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	S/T	ΔТ	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR
39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.58 0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.60 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	0.85	22	2.56	11.7	238	111	39.2	0.81	23	2.54	11.6	236	110	36.2	0.79	23	2.48	11.3	229	106
39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.37 0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		20	2.62	11.9	257	118	40.3	0.73	21	2.60	11.8	254	117	36.2 37.2	0.70	21	2.53	11.5	246	113
39.4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.88 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		16	2.56 2.62 2.70 2.79	12.2	271	128	43.7	0.55	17	2.68	12.1	268	127	40.3	0.79 0.70 0.53 0.34	17	2.62	11.9 12.2	260	123
4 40.6 43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	8 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	8 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	8 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	8 0.79 0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	-	11	-	12.6	283	137	46.9	0.35	12	2.77	12.5	280	135	43.3		12	2.70		271	131
43.9 47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.60 0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	0.88	22	2.77	12.5	268	117	38.3	0.84	23	2.74	12.4	265	116	35.3	0.81	23	2.67	12.1	257	112
47.2 38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.39 0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		20	2.83	12.7	288	124	39.4	0.75	21	2.80	12.6	285	123	36.4	0.73	21	2.73	12.3	277	119
38.5 39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		17	2.92	13.1	304	136	42.7	0.57	17	2.89	13.0	301	134	39.4	0.55	18	2.82	12.7	292	130
39.6 42.9 46.0 37.5 38.7 41.8 44.9 35.7	91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97	91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	91 0.81 0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	0.39	11	3.02	13.5	317	145	45.8	0.37	12	2.99	13.4	314	143	42.3	0.35	12	2.92	13.1	305	139
42.9 46.0 37.5 38.7 41.8 44.9 35.7	0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.61 0.40 0.94 0.84 0.63 0.41 0.97	0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.61 0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	91	22	2.94	13.4	304	121	37.4	0.87	23	2.92	13.3	301	120	34.5	0.83	23	2.85	13.0	292	117
46.0 37.5 38.7 41.8 44.9 35.7	0.40 0.94 0.84 0.63 0.41 0.97	0.40 0.94 0.84 0.63 0.41 0.97	0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.40 0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		20	3.01	13.7	327	129	38.5	0.77	21	2.98	13.6	324	128	35.5	0.75	21	2.91	13.3	314	124
37.5 38.7 41.8 44.9 35.7	0.94 0.84 0.63 0.41 0.97	0.94 0.84 0.63 0.41 0.97	0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.94 0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		17	3.11	14.1	346	141	41.6	0.59	17	3.08	14.0	342	140	38.4	0.56	18	3.00	13.7	332	135
38.7 41.8 44.9 35.7	0.84 0.63 0.41 0.97	0.84 0.63 0.41 0.97	0.84 0.63 0.41 0.97 0.87 0.66 0.42	0.84 0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88	-	11	3.21	14.6	361	150	44.7	0.38	12	3.19	14.5	357	149	41.2	98.0	12	3.11	14.1	346	144
41.8 44.9 35.7	0.63 0.41 0.97	0.63 0.41 0.97	0.63 0.41 0.97 0.87 0.66 0.42	0.63 0.41 0.97 0.87 0.66 0.42 0.98 0.88		22	3.10	14.2	347	128	36.5	0.89	23	3.07	14.1	343	126	33.6	0.86	23	3.00	13.8	333	123
44.9 35.7	0.41 0.97	0.41 0.97	0.41 0.97 0.87 0.66 0.42	0.41 0.97 0.87 0.66 0.42 0.98 0.88		20	3.17	14.5	373	136	37.5	0.80	21	3.14	14.4	369	134	34.6	0.77	22	3.06	14.1	358	130
35.7	0.97	0.97	0.97 0.87 0.66 0.42	0.97 0.87 0.66 0.42 0.98 0.88		17	3.28	15.0	394	148	40.6	09.0	17	3.25	14.9	390	147	37.5	0.58	18	3.17	14.5	378	142
1 1			0.87 0.66 0.42	0.87 0.66 0.42 0.98 0.88	\dashv	12	3.39	15.5	411	158	43.6	0.39	12	3.36	15.4	407	156	40.2	0.38	12	3.27	15.0	394	152
6.7	\circ	<u>∞</u> .	0.66 0.42	0.66 0.42 0.98 0.88		22	3.23 3	15.1	390 2	134	34.6	0.93	23	3.21 3	14.9 1	386	132	32.0	0.89	23	3.13 3	14.6	374 4	128
	- 1		0.42	0.42 0.98 0.88		20	3.31	15.4	420 4	142	35.7	0.83	21	3.28	15.3 1	415 4	141	32.9	0.80	21	3.20	14.9	403 4	137
			42	42 0.98 0.88		16	3.42 3	15.8 1	443 4	155	38.6 4	0.63	17	3.39 3	15.7 1	439 2	154 1	35.6	0.61	17	3.30	15.3	425 4	149
2.7	42	42	∹۱	0.88	42	11	3.54	16.4	462 '	165	41.4	0.40	12	3.51	16.3	458 '	164	38.2	0.39 0	12	3.42	15.8	444	159
	- 1		- 1			20	3.35	15.9	431	138	32.1	0.93	21	3.32	15.7	427	137	29.6	06.0	22	3.24	15.3	414	133
1 1						19	3.43 3	16.2 1	464 4	147 1	33.0	0.84 0	20	3.40 3	16.1 1	459 4	146 1	30.5	0.81 0	20	3.31 3	15.7 1	445 4	141
	뛰	0.66	- 1	- 1	.66 0.43	15 11	3.54 3.66	16.7 17.3	490 511	161 171	35.7 38.4	0.63 0.41	16 11	3.51 3.63	16.6 17.1	485 506	159 169	33.0 35.4	0.61 0.39	16 11	3.42 3.54	16.1 16.7	470 490	154 164

 $Shaded\ area\ reflects\ ACCA\ (TVA)\ conditions.$ Amps: Unit amps (comp.+ evaporator + condenser fan motors)

EXPANDED COOLING DATA — GPC1442H41AA (cont.)

AIRFLOW																									
IRFLO			65				75	ای			85				95				105				115		
IRFLO\										ű	NTERIN	G INDO	ENTERING INDOOR WET		BULB TEMPERATURI	ATURE									
	×	59	63	67	71	29	63	67	71	29	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71
2	MBh	41.1	42.0	44.8	47.9	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	38.2	39.0	41.7	44.6	36.3	37.1	39.6	42.4	33.6	34.4	36.7	39.2
S	S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	92.0	0.57	1.00	96.0	0.78	0.59	1.00	1.00 (0.81 C	0.61	1.00	1.00 (0.82	0.61
7	ΔT	24	23	20	16	25	23	20	16	25	24	20	16	24	24	21	16	23	23	20	16	21	22	19	15
1461 k	kW	2.58	2.64	2.73	2.82	2.79	2.85	2.94	3.04	2.97	3.03	3.14	3.24	3.13	3.20	3.30	3.42	3.26	3.34	3.45	3.57	3.38	3.46	3.57	3.70
Ā	Amps	11.8	12.0	12.3	12.7	12.6	12.8	13.2	13.6	13.5	13.8	14.2	14.7	14.4	14.7	15.1	15.6	15.2	15.5	16.0 1	16.5 1	16.0	16.3 1	16.8	17.4
Ī	HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448 4	467	435 '	468 4	494	516
LC	LO PR	112	119	130	138	118	126	137	146	123	131	142	152	129	137	150	159	135	144	157	167	140	149	162	173
2	MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5 4	41.1	32.6	33.4	35.6	38.1
S	S/T	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00 (0.96	0.78	0.59
7	ΔT	25	24	21	17	25	24	21	17	26	24	21	17	56	25	21	17	25	24	21	17	23	23	20	16
1300 k	kW	2.56	2.62	2.70	2.79	2.77	2.83	2.92	3.02	2.94	3.01	3.11	3.21	3.10	3.17	3.28	3.39	3.23	3.31	3.42	3.54	3.35	3.43	3.54 3	3.67
Ā	Amps	11.7	11.9	12.2	12.6	12.5	12.7	13.1	13.5	13.4	13.7	14.1	14.6	14.2	14.5	15.0	15.5	15.1	15.4	15.8 1	16.4	15.9	16.2	16.7	17.3
Ī	HI PR	238	257	271	283	268	288	304	317	304	327	346	361	347	373	394	411	390	420	443 4	462	431	464	490	511
C	LO PR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171
2	MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2
S	S/T	98.0	0.81	99.0	0.49	0.89	0.84	0.68	0.51	0.92	98.0	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75 C	0.56	0.99	0.93	0.75	0.56
7	ΔT	56	25	21	17	56	25	22	17	56	25	22	17	56	25	22	17	56	25	21	17	24	23	20	16
1139 k	kW	2.50	2.56	2.64	2.72	2.70	2.76	2.85	2.94	2.87	2.93	3.03	3.13	3.02	3.09	3.19	3.30	3.15	3.22	3.33 3	3.45	3.26	3.34	3.45	3.57
A	Amps	11.4	11.6	12.0	12.3	12.2	12.4	12.8	13.2	13.1	13.4	13.8	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.4	16.0 1	15.5	15.8 1	16.3 1	16.8
Ī	HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	398	378	407	430 4	448	418	450 4	475 4	495
	LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166

			1461							85 1300							1139			
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR
41.8	0.98	26	2.61	11.8	243	113	40.6	0.94	27	2.58	11.8	241	112	37.5	06:0	27	2.52	11.5	234	108
41.8 42.6	0.95	25	2.66	12.1	262	120	41.4	06.0	56	2.64	12.0	259	119	38.2	0.87	27	2.58	11.7	251	115
44.6	0.85	24	2.75	12.4	276	131	43.3	0.82	25	2.73	12.3	274	130	40.0	0.79	25	2.66		265	126
47.6	69.0	21	2.84	12.8	288	140	46.2	99.0	22	2.82	12.7	285	138	42.7	0.64	22	2.75	12.0 12.4	277	134
40.8	1.00	26	2.81	12.7	273	119	39.6	0.97	27	2.79	12.6	270	118	36.6	0.94	28	2.72	12.3	262	115
41.6	0.98	26	2.87	12.9	294	127	40.4	0.94	27	2.85	12.8	291	126	37.3	06.0	27	2.78	12.5	282	122
43.6	0.89	24	2.97	13.3	310	138	42.3	0.85	25	2.94	13.2	307	137	39.1	0.81	56	2.87	12.9	298	133
46.5	0.72	21	3.07	13.8	324	147	45.1	69.0	22	3.04	13.6	320	146	41.7	99.0	22	2.97	13.3	311	142
39.9	1.00	25	2.99	13.6	310	124	38.7	1.00	27	2.97	13.5	307	123	35.7	96.0	28	2.89	13.2	298	119
40.6	1.00	26	3.06	13.9	334	132	39.4	96.0	27	3.03	13.8	331	131	36.4	0.93	27	2.96	13.5	321	127
42.5	0.91	24	3.16	14.3	353	144	41.3	0.87	25	3.14	14.2	349	142	38.1	0.84	26	3.06	13.9	339	138
45.4	0.74	21	3.27	14.8	368	153	44.1	0.70	22	3.24	14.7	364	152	40.7	0.68	22	3.16	14.3	353	147
38.9	1.00	24	3.15	14.5	354	130	37.7	1.00	27	3.13	14.4	350	129	34.8	0.99	28	3.05	14.0	340	125
39.6	1.00	25	3.22	14.8	380	138	38.5	0.99	27	3.20	14.7	377	137	35.5	96.0	27	3.12	14.3	365	133
41.5	0.94	24	3.33	15.2	402	151	40.3	0.89	25	3.30	15.1	398	150	37.2	98.0	56	3.22	14.7	386	145
44.3	0.76	21	3.45	15.7	419	161	43.0	0.73	22	3.42	15.6	415	159	39.7	0.70	22	3.33	15.2	402	155
36.9	1.00	23	3.29	15.3	398	136	35.9	1.00	25	3.26	15.2	394	135	33.1	1.00	27	3.18	14.8	382	131
37.6	1.00	24	3.36	15.6	428	145	36.6	1.00	26	3.34	15.5	424	144	33.7	0.99	27	3.25	15.1	411	139
39.4	0.97	24	3.48	16.1	452	158	38.3	0.93	25	3.45	16.0	448	157	35.3	06.0	56	3.36	15.6	434	152
42.1	0.79	21	3.60	16.7	471	169	40.8	0.75	22	3.57	16.5	467	167	37.7	0.73	22	3.48	16.1	453	162
34.2	1.00	22	3.41	16.1	439	141	33.2	1.00	23	3.38	16.0	435	140	30.7	1.00	25	3.29	15.6	422	136
34.9	1.00	22	3.49	16.5	473	150	33.9	1.00	24	3.46	16.3	468	149	31.3	1.00	25	3.37	15.9	454	144
36.5	0.98	23	3.60	17.0	499	164	35.5	0.94	23	3.57	16.8	494	162	32.7	0.90	24	3.48	16.4	480	157
39.0	0.80	20	3.73	17.6	521	175	37.8	0.76	20	3.70	17.4	516	173	34.9	0.73	21	3.60	17.0	500	168

 $Shaded\ area\ reflects\ AHRI\ (TVA)\ conditions.$ Amps: Unit amps (comp.+ evaporator + condenser fan motors)

EXPANDED COOLING DATA — GPC1442H41AC

MBH 39, 41.3 45.2 5.8 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 64 71 71 71 71 72 72 72 73 73 73 73 73													ō	OUTDOOR AMBIENT TEMPERATURE	AMBIE	NT TEM	PERATL	JRE									
MBH 388 413 45. 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 67 71 89 63 63 63 63 63 71 89 63 63 63 63 63 63 63 6					9	5				75			3	35			6	ñ			10	2	_		115		
Mile 398 41.3 45.2 5.3 6.3 6.4 6.4 7.1 5.9 6.3 6.4 7.1 5.9 6.3 6.4 7.1 5.9 6.3 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 6.4 7.1 7.2 7													ENTER	NG IND	JOR WI	ET BULB	TEMPE	RATURE									
438 413 45.2 38.9 40.3 43.1 3.0 38.4 42.0 35.2 36.5 39.9 437 877 38.9 41.3 45.2 38.9 40.3 43.1 13.0 38.4 42.0 3 36.5 39.9 443 KM 16 12 0.7 0.64 0.44 0.79 0.66 0.46 0.80 0.88 0.88 0.89 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.2 3.2 3.0 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.0 3.2 3.0 3.1 3.1 3.1 3.1 3.2 3.4 3.0 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2<	IDB	AIRF	TOW.	29	63	- 67	71	29	63	29	71	29	63	29	71	59	63	- 67	71	29	63	29	71	29	63	. 29	71
Aligned Heat Alig			MBh	39.8		45.2		38.9	40.3			38.0	39.3	43.1	-	37.0	38.4	42.0	-	35.2	36.5	39.9	Н	32.6	33.8	37.0	١,
MBA 268 274 282 - 2 289 295 3.04 - 3 13.4 3.24 - 3 23 3.40 - 3 14.2 1.2			S/T	0.72	09.0	0.42		0.75				0.77	0.64		-	0.79	99.0	0.46	-	0.82	69.0	0.48	Н	0.83 0	0.69	0.48	
4432 KW 2.68 2.74 2.82 3.04 3.07 3.14 3.24 3.24 3.59 3.41 3.56 - HPR 2.14 1.17 1.20 - 1.23 1.26 1.30 3.14 3.24 3.24 3.56 - HPR 2.14 2.10 1.20 - 1.20 1.20 1.20 1.20 1.32 1.30 3.14 3.56 3.51 3.75 3.99 4.5 4.85 4.85 4.85 3.20 3.21 3.70 3.20 3.23 3.20 3.25 4.85 3.20 3.71 3.90 4.85			ΔT	18	16	12		19	16	12		19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	
HIPR		1432	kW	2.68		2.82		2.89	2.95			3.07	3.14			3.23	3.30	3.41	-	3.37	3.44	3.56	H	3.48 3	3.56 3	3.68	١,
HIPR			Amps	11.4				12.3	12.6			13.3	13.6		-	14.2	14.5	15.0	-	15.1	15.4	15.9	Н	15.9 1	16.3	16.8	
MBH 38.6 40.1 43.9 -			HI PR	241	260	274		271	291	308	-	308	331	350	-	351	377	399	-	395	425	448	Н	436 4	469 4	495	
M8h 38.6 40.1 43.9 - 36.8 38.2 41.8 - 35.9 37.3 40.8 - 34.1 35.4 38.8 - S/T 0.69 0.58 0.40 - 0.71 0.60 0.41 - 0.73 0.61 0.75 0.69 0.78 0.65 0.78 0.79			LO PR	ш	116	127		115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	Н	136 1	145 1	158	١.
4.77 6.69 6.58 6.40 6.01 6.60 6.41 6.73 6.61 6.42 6.63 6.44 6.63 6.44 6.65 6.44 7 13 7 13 7 13 7 13 7 13 9 14 14 14 14 14 14 14 14 14 14 14 14 14			MBh	38.6		43.9	,	37.7	39.1		٠	36.8	38.2	41.8	-	35.9	37.3	40.8	-	34.1	35.4	38.8	-	31.6 3	32.8	35.9	,
AT 19 17 13 19 17 13 19 17 13 19 17 13 19 17 13 19 17 13<			S/T	0.69	0.58	0.40	,	0.71	09.0		-	0.73	0.61	0.42	-	92.0	0.63	0.44	-	0.78	0.65	0.45	Н	0.79 0	0.66 C	0.46	
474 kW 2.66 2.72 2.80 3.04 3.11 3.21 3.29 3.27 3.38 3.34 3.41 3.53 3.5 3.5 3.5 3.24 3.41 3.53 3.5 3.7 3.5 3.5 3.5 3.5 3.7 3.7 3.5 3.5 3.5 3.7 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.7 3.5 3.5 3.5 3.5 3.5 3.7 3.5 3.7 3.5 3.7 3.5 3.7 3.5 3.7 3.5 3.7			ΔT	19	17	13		19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	,
Amps 11.3 11.6 11.9 - 12.5 12.9 - 13.5 13.9 - 14.1 14.4 14.8 - 14.9 15.3 15.8 - HI PR 239 257 272 - 268 289 305 - 346 - 347 374 395 - 391 420 444 - LO PR 10.8 115 125 - 114 121 132 - 124 132 145 - 149 15.9 - 347 37.7 - 149 15.9 - 347 37.7 - 144 - 149 15.0 - 444 - - 444 - - 444 - - 444 - - 444 - - - - - - - - - - - - - - - - -	2	1274	kW	2.66	2.72	2.80		2.86			1	3.04	3.11	3.21	-	3.20	3.27	3.38	-	3.34	3.41	3.53		3.45 3	3.53 3	3.65	,
H1 PR 239 257 272 286 289 305 305 328 346 347 374 395 395 391 420 444 - 1 L0 PR 108 115 125 - 1 114 121 132 - 1 118 126 138 - 1 124 132 145 - 1 130 139 151 - 1 MBh 35.7 37.0 40.5 - 3 34.8 36.1 39.6 - 3 34.0 35.2 38.6 - 3 32.2 34.4 37.7 - 3 31.5 32.7 35.8 - 3 S/T 0.66 0.55 0.38 - 0 0.69 0.57 0.40 - 0 0.71 0.59 0.41 - 0 0.73 0.61 0.42 - 0 0.76 0.63 0.44 - 0 A			Amps	11.3	11.6	11.9		12.2	12.5		-	13.2	13.5		-	14.1	14.4	14.8	-	14.9	15.3	15.8	_	15.8 1	16.1	16.7	
MBh 35.7 37.0 40.5 - 14 121 132 - 14 121 132 - 14 121 132 - 14 121 132 - 14 121 132 - 14 121 132 - 14 121 132 - 14 121 14 121 132 - 14 13 - 34.4 37.7 - 31.5 32.7 35.8 - S/T 0.66 0.55 0.36 0.57 0.40 - 0.71 0.59 0.41 - 0.73 0.61 0.42 - 0.76 0.73 0.61 0.72 0.74 0.73 0.61 0.72 0.74 0.73 0.61 0.72 0.74 0.73 0.61 0.75 0.74 0.73 0.61 0.75 0.74 0.73 0.71 13 0.73 0.71 13 0.71 13 0.71 13 0.71 <th></th> <th></th> <td>HI PR</td> <td>239</td> <td>257</td> <td>272</td> <td></td> <td>268</td> <td>289</td> <td></td> <td>-</td> <td>305</td> <td>328</td> <td>346</td> <td>-</td> <td>347</td> <td>374</td> <td>395</td> <td>-</td> <td>391</td> <td>420</td> <td>444</td> <td>Н</td> <td>432 4</td> <td>465 4</td> <td>491</td> <td></td>			HI PR	239	257	272		268	289		-	305	328	346	-	347	374	395	-	391	420	444	Н	432 4	465 4	491	
MBh 35.7 37.0 40.5 - 34.8 35.2 38.6 - 33.2 34.4 37.7 - 31.5 32.7 35.8 - S/T 0.66 0.55 0.38 - 0.69 0.57 0.40 - 0.71 0.59 0.41 - 0.73 0.61 0.42 - 0.76 0.63 0.44 - 0.76 0.63 0.44 - 0.76 0.63 0.44 - 0.76 0.63 0.44 - 0.76 0.63 0.44 - 0.76 0.63 0.44 - 0.76 0.73 0.61 0.72 0.76 0.73 0.61 0.72 0.76 0.73 0.71 13 0.73 0.71 13 0.73 13 13 13 13 13 13 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14<			LO PR	108	115	125	٠.	114	121	132	٠	118	126	138	,	124	132	145	-	130	139	151	\dashv	135 1	144	157	,
AT Code 0.55 0.38 - 0.69 0.57 0.40 - 0.71 0.59 0.41 - 0.73 0.61 0.42 - 0.76 0.63 0.44 - AT 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 14 - 14 - 14 - 14 - 14			MBh	35.7		40.5	.	34.8				34.0				33.2	34.4	37.7		31.5	32.7	35.8	Н	29.2 3	30.3	33.2	١.
AT 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 20 17 13 - 10 11 12			S/T	99.0	0.55	0.38		0.69	0.57		-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	П	0.76 0	0.64 C	0.44	
kW 2.60 2.65 2.73 2.85 2.94 - 2.97 3.03 3.13 - 3.12 3.19 3.30 - 3.25 3.33 3.44 - Amps 11.0 11.3 11.6 - 11.9 12.2 12.5 - 12.8 13.1 13.6 - 13.7 14.0 14.4 - 14.5 14.9 15.3 - HI PR 232 249 260 286 - 296 318 336 - 379 408 431 - LO PR 105 11 118 128 - 115 122 133 - 121 128 147 - 127 135 147 -			ΔΤ	20	17	13		70	17	13	١	20	17	13		20	17	13	-	20	17	13	-	18	16	12	
11.0 11.3 11.6 - 11.9 12.5 - 12.8 13.1 13.6 - 14.0 14.4 - 14.5 14.9 15.3 - 232 249 263 - 260 280 296 318 336 - 337 363 383 - 379 408 431 - 105 111 122 - 115 122 133 - 121 128 140 - 127 135 147 -		1116	kΜ	2.60	2.65	2.73	٠,	2.79	2.85		١	2.97	3.03	3.13	,	3.12	3.19	3.30	-	3.25	3.33	3.44	\dashv	3.37 3	3.44 3	3.56	,
232 249 263 - 260 280 296 318 336 - 337 363 383 - 379 408 431 105 111 122 - 111 118 128 - 115 122 133 - 121 128 140 - 127 135 147			Amps	\dashv	- 1	11.6	٠	11.9	12.2	- 1	١	12.8	13.1	13.6		13.7	14.0	14.4	,	14.5	14.9	15.3	\dashv	15.3 1	15.7	16.2	
105 111 122 - 111 118 128 - 115 122 133 - 121 128 140 - 127 135 147			HI PR	232	249	263	٠	260	280	296		296	318	336	,	337	363	383	-	379	408	431	\dashv	419 4	451 4	476	
			LO PR	105	111	122	۱,	111	118		1	115	122	133	-	121	128	140	-	127	135	147	Н	131 1	139 1	152	١,

			1432							75 1274							1116			
MBh	S/T	ΔT	32 kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	74 kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	16 kw	Amps	HI PR	I O PR
\dashv		\dashv			_	-	Н	_	Н			-	Н	Н			Н	H	⊢	⊢
40.5 41.7	0.82 0.73	21 20	2.70 2.76	11.5 11.8	244 262	110 117	39.3 40.5	0.78 0.70 0.53	22 20	2.68 2.74	11.4 11.	241 260	109 116	36.3 37.3 40.4	0.75 0.68	23 21	2.62 2.6	11.1 11.4	234 252	106 112
7 45.1	3 0.56	16	6 2.85	8 12.2	2 277	7 128	5 43.8	0 0.5E	17	4 2.82	7 12.C) 274	5 127	3 40.4	8 0.51	17	2.67 2.76	4 11.7	2 266	173
1 48.4	5 0.36	11	5 2.94	2 12.6	, 289	136	3 47.0	3 0.34	12	2 2.91	11.7 12.0 12.5	1 286	, 135	1 43.4	1 0.33	12	5 2.84	7 12.1	777	131
39.5	0.85	22	2.91	12.4	274	116	38.4	1 0.81	22	2.89	12.3	271	115	35.4	0.78	23	1 2.82	12.0	263	117
40.7	0.76	20	2.97	12.7	294	124	39.5	0.73	21	2.95	12.6	291	123	36.5	0.70	21	2.88	12.3	283	119
44.1	0.58	16	3.07	13.1	311	135	42.8	0.55	17	3.04	13.0	308	134	39.5	0.53	17	2.97	12.6	299	130
47.3	0.37	11	3.17	13.6	324	144	45.9	0.35	12	3.14	13.4	321	142	42.4	0.34	12	3.07	13.1	311	138
38.6	0.87	22	3.09	13.4	311	121	37.5	0.83	22	3.07	13.3	308	120	34.6	08.0	23	2.99	13.0	299	116
39.7	0.78	20	3.16	13.7	335	129	38.6	0.74	21	3.14	13.6	331	127	35.6	0.72	21	3.06	13.3	322	124
43.0	0.59	16	3.27	14.2	354	140	41.8	0.56	17	3.24	14.0	350	139	38.5	0.54	17	3.16	13.7	340	135
46.2	0.38	11	3.37	14.7	369	150	44.8	0.36	12	3.35	14.6	365	148	41.4	0.35	12	3.26	14.2	354	111
37.7	0.90	22	3.26	14.3	354	127	36.6	98.0	23	3.23	14.2	351	126	33.7	0.83	23	3.15	13.8	340	122
38.8	0.81	20	3.33	14.6	381	135	37.6	0.77	21	3.30	14.5	378	134	34.7	0.74	21	3.22	14.1	366	130
42.0	0.61	16	3.44	15.1	403	147	40.7	0.58	17	3.41	15.0	399	146	37.6	0.56	17	3.32	14.6	387	142
45.0	0.39	11	3.55	15.7	420	157	43.7	0.37	12	3.52	15.5	416	156	40.4	98.0	12	3.44	15.1	403	151
35.8	0.93	21	3.39	15.2	399	133	34.7	0.89	22	3.37	15.1	395	132	32.1	98.0	23	3.28	14.7	383	128
36.8	0.84	20	3.47	15.5	429	142	35.8	0.80	21	3.44	15.4	425	140	33.0	0.77	21	3.35	15.0	412	136
39.9	0.63	16	3.59	16.0	453	155	38.7	09.0	17	3.56	15.9	449	153	35.7	0.58	17	3.47	15.5	435	1/18
42.8	0.41	11	3.71	16.6	472	165	41.5	0.39	12	3.68	16.5	468	163	38.3	0.37	12	3.58	16.0	454	150
33.1	0.94	20	3.51	16.1	440	138	32.2	06.0	21	3.48	15.9	436	136	29.7	0.87	21	3.40	15.5	423	122
34.1	0.84	18	3.59	16.4	474	146	33.1	08.0	19	3.56	16.3	469	145	30.6	0.78	20	3.47	15.9	455	171
36.9	0.64	15	3.71	17.0	501	160	35.9	0.61	16	3.68	16.8	496	158	33.1	0.59	16	3.59	16.4	481	157
39.6	0.41	10	3.84	17.6	522	170	38.5	0.39	11	3.81	17.4	517	169	35.5	0.38	11	3.71	17.0	501	164

IDB = Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

ions. kW = total system power Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects ACCA (TVA) conditions.

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EXPANDED COOLING DATA — GPC1442H41AC (cont.)

65 75				75	75	75					0 85	DOOR /	AMBIEN	OUTDOOR AMBIENT TEMPERATURE 85 95	RATURI 95				105		\vdash		115	
										ш	ENTERING INDOOR WET	G INDO	OR WET	· BULB T	BULB TEMPERATUR	TURE								
AIRFLOW 59 63 67 71 59 63	63 67 71 59	63 67 71 59	67 71 59	29	-	€9	_	29	71	29	63	29	71	29	63	29	71	29	63	. 29	71 5	59 63	3 67	71
MBh 41.2 42.1 45.0 48.1 40.2 41.1	41.2 42.1 45.0 48.1 40.2	42.1 45.0 48.1 40.2	45.0 48.1 40.2	40.2		41.1	_	43.9	47.0	39.3	40.1	42.9	45.8	38.3	39.2	41.8	44.7	36.4	37.2	39.7 4	42.5 33.	34.	5 36.	8 39.4
S/T 0.90 0.84 0.69 0.51 0.93 0.88	0.90 0.84 0.69 0.51 0.93	0.84 0.69 0.51 0.93	0.69 0.51 0.93	0.51 0.93		0.88		0.71	0.53	96.0	0.90	0.73	0.55	1.00 (0.93	0.75	0.56	1.00 (0.96	0.78 0	0.58 1.	1.00 0.97	97 0.79	9 0.59
ΔT 24 23 20 16 24 23	23 20 16 24	23 20 16 24	20 16 24	24		23		20	16	24	23	20	16	25	23	20	16	23	23	20	16 2	22 21	1 19	15
kW 2.72 2.78 2.87 2.96 2.93 3.00	2.72 2.78 2.87 2.96 2.93	2.78 2.87 2.96 2.93	2.87 2.96 2.93	2.96 2.93		3.00		3.09	3.20	3.12	3.19	3.29	3.40	3.28	3.36	3.47	3.58	3.42	3.50	3.62 3	3.74 3.	.54 3.62	3.	75 3.87
Amps 11.6 11.9 12.3 12.7 12.5 12.8	11.6 11.9 12.3 12.7 12.5	11.9 12.3 12.7 12.5	12.3 12.7 12.5	12.7 12.5		12.8		13.2	13.7	13.5	13.9	14.3	14.8	14.4	14.8	15.2	15.8	15.3 1	15.7	16.2 1	16.8 16	16.2 16.6	.6 17.1	1 17.8
HIPR 246 265 280 292 276 297	246 265 280 292 276	265 280 292 276	280 292 276	276		297		314	327	314	338	357	372	358	385	407	424	403 4	433	458 4	477 44	445 479	902 6	5 527
LO PR 111 118 129 138 117 125 1	111 118 129 138 117 125	118 129 138 117 125	129 138 117 125	117 125	125			136	145	122	130	142	151	128	136	149	159	134	143	156 1	166 13	139 148	8 161	1 172
MBh 40.0 40.9 43.7 46.7 39.1 39.9 4	40.0 40.9 43.7 46.7 39.1 39.9	40.9 43.7 46.7 39.1 39.9	43.7 46.7 39.1 39.9	46.7 39.1 39.9	39.9		4	42.6	45.6	38.1	39.0	41.6	44.5	37.2	38.0	40.6	43.4	35.3	36.1	38.6 4	41.2 32	32.7 33.5	.5 35.7	7 38.2
S/T 0.86 0.81 0.66 0.49 0.89 0.83 0.	0.86 0.81 0.66 0.49 0.89 0.83	0.81 0.66 0.49 0.89 0.83	0.66 0.49 0.89 0.83	0.49 0.89 0.83	0.89 0.83		0.	0.68	0.51	0.91	98.0	0.70	0.52	0.94 (0.88	0.72	0.54	0.98 (0.92	0.75 0	0.56 0.	0.99 0.92	32 0.75	5 0.56
ΔT 25 24 21 17 25 24 21	25 24 21 17 25 24	24 21 17 25 24	21 17 25 24	25 24	24		2		17	25	24	21	17	25	24	21	17	25	24	21	17 2	23 22	2 19	16
kW 2.70 2.76 2.85 2.94 2.91 2.97 3.07	2.70 2.76 2.85 2.94 2.91 2.97	2.76 2.85 2.94 2.91 2.97	2.85 2.94 2.91 2.97	2.94 2.91 2.97	2.97		3.0	_	3.17	3.09	3.16	3.27	3.37	3.26	3.33	3.44	3.55	3.40	3.47	3.59 3	3.71 3.	3.51 3.59	3.71	1 3.84
Amps 11.5 11.8 12.2 12.6 12.4 12.7 13.1	11.5 11.8 12.2 12.6 12.4 12.7	11.8 12.2 12.6 12.4 12.7	12.2 12.6 12.4 12.7	12.6 12.4 12.7	12.4 12.7		13	۲.	13.6	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.2	15.5	16.0 1	16.6	16.1 16.4	.4 17.0	0 17.6
HIPR 244 262 277 289 274 294 311	244 262 277 289 274 294	262 277 289 274 294	277 289 274 294	274 294	294		31	딘	324	311	335	354	369	354	381	403	420	399	429 4	453 4	473 44	440 474	4 501	1 522
LOPR 110 117 128 136 116 124 135	110 117 128 136 116 124	117 128 136 116 124	128 136 116 124	116 124	124		13	2	144	121	129	140	150	127	135	148	157	133	142	155 1	165 13	138 146	6 160	0 170
MBh 36.9 37.7 40.3 43.1 36.1 36.8 39.4	36.9 37.7 40.3 43.1 36.1 36.8	37.7 40.3 43.1 36.1 36.8	40.3 43.1 36.1 36.8	43.1 36.1 36.8	36.8	∞	39	4.	42.1	35.2	36.0	38.4	41.1	34.3	35.1	37.5	40.1	32.6	33.3	35.6 3	38.1 30.	30.9	.9 33.0	0 35.3
S/T 0.83 0.78 0.63 0.47 0.86 0.80 0.	0.78 0.63 0.47 0.86 0.80	0.78 0.63 0.47 0.86 0.80	0.63 0.47 0.86 0.80	0.86 0.80	0.80		0	99.0	0.49	0.88	0.83	0.67	0.50	0.91	0.85 (0.69	0.52	0.94	0.88	0.72 0	0.54 0.	.95 0.89	39 0.73	3 0.54
ΔT 25 24 21 17 25 24 21	25 24 21 17 25 24	24 21 17 25 24	21 17 25 24	25 24	24		7	1	17	26	24	21	17	26	25	21	17	25	24	21	17 2	24 23	3 20	16
kW 2.64 2.69 2.78 2.87 2.84 2.90 2.9	2.69 2.78 2.87 2.84 2.90	2.69 2.78 2.87 2.84 2.90	2.78 2.87 2.84 2.90	2.87 2.84 2.90	2.90		2.	2.99	3.09	3.02	3.08	3.18	3.29	3.18	3.25	3.35	3.46	3.31	3.38	3.50 3.	61	3.43 3.5	.50 3.62	2 3.74
Amps 11.2 11.5 11.8 12.3 12.1 12.4 1	11.2 11.5 11.8 12.3 12.1 12.4	11.5 11.8 12.3 12.1 12.4	11.8 12.3 12.1 12.4	12.3 12.1 12.4	12.4	4	H	12.7	13.2	13.1	13.4	13.8	14.3	13.9	14.3	14.7	15.2	14.8 1	15.1	15.6 1	16.2 15	15.6 16.0) 16.	5 17.1
HIPR 236 255 269 280 265 286	236 255 269 280 265 286	255 269 280 265 286	269 280 265 286	265 286	286		· ·	302	315	302	325	343	358	344	370	391	407	387	416 4	439 4	458 42	427 460	0 486	5 506
114 124 132 113 120	107 114 124 132 113 120	114 124 132 113 120	124 132 113 120	113 120	120		П	131	140	117	125	136	145	123	131	143	152	129	137	150 1	160 13	134 142	2 155	5 165

	_	_	_				_			85				_				_		
			1432							1274				Г			1116			
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	TΔ	kW	Amps	HI PR	LO PR	MBh	S/T	TΔ	kW	Amps	HI PR	LO PR
41.9	0.94	25	2.75	11.7	249	112	40.7	06:0	56	2.72	11.6	246	111	37.6	0.87	27	2.66	11.3	239	108
41.9 42.7 44.7 47.7	0.91	25	2.80	12.0	268	119	40.7 41.5	0.87	56		11.9	265	118	38.3	0.84	56	2.71	11.6	257	115
44.7	0.82	24	2.89	12.4	283	130	43.4	0.78	25	2.78 2.87	12.3	280	129	40.1	0.76	25	2.80	11.9	271	125
	0.67	20	2.99	12.8	295	139	46.3	0.64	21	2.96	12.7	292	138	42.8	0.61	22	2.89	12.4	283	133
40.9	0.98	26	2.96	12.6	279	119	39.7	0.93	27	2.93	12.5	276	117	36.7	0.90	27	2.86	12.2	268	114
41.7	0.94	25	3.02	12.9	300	126	40.5	06.0	56	3.00	12.8	297	125	37.4	0.87	27	2.92	12.5	288	121
43.7	0.85	24	3.12	13.3	317	138	42.4	0.81	25	3.09	13.2	314	136	39.2	0.78	25	3.02	12.9	305	132
46.6	69.0	21	3.22	13.8	331	147	45.3	99.0	22	3.20	13.7	327	145	41.8	0.64	22	3.12	13.3	318	141
40.0	1.00	56	3.15	13.7	317	123	38.8	96.0	27	3.12	13.5	314	122	35.8	0.92	27	3.04	13.2	305	118
40.7	0.97	25	3.21	14.0	342	131	39.6	0.92	26	3.19	13.9	338	130	36.5	0.89	27	3.11	13.5	328	126
42.7	0.87	24	3.32	14.4	361	143	41.4	0.83	25	3.29	14.3	357	142	38.2	0.80	25	3.21	13.9	346	138
45.5	0.71	21	3.43	14.9	376	153	44.2	0.68	22	3.40	14.8	372	151	40.8	0.65	22	3.32	14.4	361	147
39.0	1.00	25	3.31	14.6	361	130	37.9	0.99	27	3.28	14.4	358	128	34.9	0.95	27	3.20	14.1	347	124
39.7	1.00	25	3.39	14.9	389	138	38.6	0.95	27	3.36	14.8	385	136	35.6	0.92	27	3.27	14.4	374	132
41.6 4	0.90	24	3.50	15.4	411	150	40.4	0.86	25	3.47	15.2	407	149	37.3	0.83 (25	3.38	14.8	395	145
44.4	0.73	21	3.62	15.9	428	160	43.1	0.70	22	3.58	15.8	424	159	39.8	0.67 (22	3.49	15.4	411	154
37.0	1.00	24	3.45	15.5	407	136	36.0	1.00 (56	3.42	15.3	403	134	33.2	0.99	27	3.34	14.9	391	130
37.8	1.00 (24	3.53	15.8	438 ,	144	36.7	0.99	26	3.50	15.7	433 4	143	33.8	0.95 (27	3.41	15.3	420 '	139
39.5 4	0.94 (24	3.65	16.3 1	462 4	158 1	38.4 4	0.89	25	3.62	16.2 1	458 4	156 1	35.4 3	0.86	25	3.52 3	15.8 1	444 4	151
42.2	0.76	21	3.77	16.9 1	482 4	168	41.0	0.72 1	21	3.74	16.8	477 4	166	37.8	0.70	22	3.64	16.3	463 4	161
34.3 3	1.00 1	22	3.57 3	16.3	449 4	140 1	33.3 3.	1.00	24 2	3.54 3	16.2	445 4	139 1	30.7	1.00 0	25	3.45 3.	15.8 1	432 4	135 1
35.0 3	1.00 0	22	3.65	16.7 1	484 5	149 1	34.0 3	1.00 0	24 2	3.62	16.6	479 5	148 1	31.3	0.96	25	53 3	16.1	464 4	143 1
36.6 39.1	94 0.77	22 19	3.78 3.91	17.3 17.9	511 533	163 174	35.6 37.9	0.90 0.73	23 20	3.75 3.87	17.1 17.8	506 527	161 172	32.8 35.0	.87 0.70	23 20	.65 3.77	16.7 17.3	490 511	157 167

ions. $kW = total \ system \ power$ Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects AHRI (TVA) conditions.

Expanded Cooling Data — GPC1448H41AA

95 ING INDOOR WET BULLS TEMPERATURE 63 67 71 59 63 49.3 - 42.4 43.9 48.1 - 40.3 41.7 49.3 - 42.4 43.9 48.1 - 40.3 41.2 42.4 43.9 41.2 40.3 41.2 41.2 41.2 41.2 41.2 41.2 41.2 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 1.5 18 <th></th> <th></th> <th></th> <th> ;</th> <th>١.</th> <th></th> <th></th> <th></th> <th> </th> <th></th> <th></th> <th></th> <th>NO I</th> <th>DOOR /</th> <th>AMBIEN</th> <th>OUTDOOR AMBIENT TEMPERATURE</th> <th>ERATUE</th> <th><u></u></th> <th>ŀ</th> <th></th> <th> </th> <th></th> <th>-</th> <th></th> <th> ;</th> <th></th>				;	١.								NO I	DOOR /	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	ERATUE	<u></u>	ŀ				-		;	
71 59 63 67 71 59 - 40.3 41.7 45.7 - 37.3 - 40.3 41.7 45.7 - 37.3 - 0.87 0.73 0.50 - 0.88 - 18 15 12 - 17 - 3.70 3.78 3.91 - 175 - 16.6 16.9 17.4 - 17.5 - 138 41.2 45.5 - 138 - 133 142 155 - 138 - 139.1 40.5 44.4 - 36.2 - 0.83 0.69 0.48 - 0.84 - 19 16 12 - 17.3 - 16.4 16.8 17.3 - 17.3 - 18.4 10.8 17.3 - 17.3 -	65 75					75	75	75	י או				82				95		_		105		_		115	
67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 68 67 71 59 68 69 70 649 48.1 - 49.3 48.1 - 49.3 48.1 - 49.3 48.1 - 49.3 41.7 45.7 - 37.3 10.47 - 0.84 0.70 0.48 - 0.83 0.73 0.50 - 0.88 112 - 1.8 1.6 1.2 1.8 1.5 1.2 1.7 0.88 15.5 - 1.8 1.6 1.5 1.7					,				ļ			Ü	NTERIN	G INDO	OR WE	T BULB	TEMPER	ATURE	,		,	,		,		
49.3 - 42.4 43.9 48.1 - 40.3 41.7 45.7 - 37.3 0.47 - 0.84 0.70 0.48 - 0.87 0.50 - 0.88 12 - 18 16 12 - 18 15 12 - 0.88 3.56 - 3.63 3.75 - 18 15 12 - 17 15.5 - 15.6 16.0 16.5 - 16.9 17.4 - 17.8 15.5 - 15.6 16.0 16.5 - 16.9 17.4 - 17.8 47.9 - 12.6 16.5 - 16.9 17.4 - 17.8 47.9 - 12.7 46.7 - 18.4 1.5 14.4 - 13.8 47.9 - 12.7 46.7 - 18.7 44.4 - 18.4 <th>AIRFLOW 59 63 67 71 59 63</th> <th>59 63 67 71 59 63</th> <th>63 67 71 59 63</th> <th>67 71 59 63</th> <th>71 59 63</th> <th>59 63</th> <th>63</th> <th>-</th> <th></th> <th>- 29</th> <th>71</th> <th>59</th> <th>63</th> <th>67</th> <th>71</th> <th>29</th> <th>63</th> <th>29</th> <th>71</th> <th>59</th> <th>-</th> <th>_</th> <th>_</th> <th>-</th> <th>8 67</th> <th>71</th>	AIRFLOW 59 63 67 71 59 63	59 63 67 71 59 63	63 67 71 59 63	67 71 59 63	71 59 63	59 63	63	-		- 29	71	59	63	67	71	29	63	29	71	59	-	_	_	-	8 67	71
0.47 0.84 0.70 0.48 0.87 0.73 0.50 0.8 12 - 18 16 12 - 18 15 12 - 17 3.56 - 3.55 3.63 3.75 - 18 15 12 - 17 15.5 - 15.6 16.0 16.5 - 16.9 17.4 - 17.5 15.5 - 15.6 16.0 16.5 - 16.9 17.4 - 17.5 342 - 369 389 - 185 415 438 - 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.7 40.0 44.4 - 17.8 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6<	MBh 45.6 47.2 51.7 - 44.5 46.1 50.5	45.6 47.2 51.7 - 44.5 46.1	47.2 51.7 - 44.5 46.1	51.7 - 44.5 46.1	- 44.5 46.1	46.1	46.1		20	.5	<u> </u>	43.4	45.0	49.3	-	42.4		48.1	-			15.7	- 37		.7 42.4	4
12 18 16 12 - 18 15 15 17 -	S/T 0.76 0.64 0.44 - 0.79 0.66 0.46	0.76 0.64 0.44 - 0.79 0.66	0.64 0.44 - 0.79 0.66	0.44 - 0.79 0.66	- 0.79 0.66	0.66	0.66		0.4	9		0.81	0.68	0.47	-			0.48	-						3 0.51	1 .
3.56 3.65 3.63 3.75 - 3.70 3.78 3.91 - 3.83 15.5 - 15.6 16.0 16.5 - 16.6 16.9 17.4 - 17.5 342 - 369 389 - 185 415 438 - 17.4 - 17.5 47.9 - 127 148 - 133 142 155 - 138 47.9 - 41.2 46.7 - 39.1 40.5 44.4 - 138 47.9 - 1.2 46.7 - 39.1 40.5 44.4 - 138 12 0.80 0.67 0.46 - 0.83 0.69 0.48 - 138 15.4 - 1.2 - 1.6 1.2 - 1.4 1.2 1.7 - 1.73 1.7 - 1.8 1.2 1.8 1.2	AT 18 15 12 - 18 16 12	18 15 12 - 18 16	15 12 - 18 16	12 - 18 16	- 18 16	16	16		12			18	16	12	-	18	16	12	-	18			_		1 11	
15.5 15.6 16.0 16.5 - 16.6 16.9 17.4 - 17.5 34.5 38.9 - 18.5 41.5 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 - 42.6 43.8 42.7 44.4 - 43.4 - 43.6 43.4 - 43.4 - 43.6 43.8	1800 KW 2.94 3.01 3.10 - 3.17 3.24 3.34	2.94 3.01 3.10 - 3.17 3.24	3.01 3.10 - 3.17 3.24	3.10 - 3.17 3.24	- 3.17 3.24	3.24	3.24		3.34		-	3.37	3.44	3.56	-			3.75	\vdash				Н		1 4.04	4
342 342 369 389 - 385 415 438 - 426 438 - 436 436 - 435 444 - 426 - 433 442 155 - 138 47.9 - 41.2 45.7 - 39.1 40.5 44.4 - 138 0.45 - 0.80 0.67 0.46 - 0.83 0.69 0.48 - 0.84 12 - 19 16 12 - 19 16 12 - 17 3.80 15.4 - 15.2 16.3 - 16.4 16.8 17.3 - 17.3	Amps 12.7 13.0 13.4 - 13.7 14.0 14.4	12.7 13.0 13.4 - 13.7 14.0	13.0 13.4 - 13.7 14.0	13.4 - 13.7 14.0	- 13.7 14.0	14.0	14.0		14.4			14.7	15.0	15.5	-	15.6		16.5							.9 18.4	4
47.9 - 127 135 148 - 133 142 155 - 138 47.9 - 41.2 42.7 46.7 - 39.1 40.5 44.4 - 36.2 0.45 - 0.80 0.67 0.46 - 0.83 0.69 0.48 - 0.84 12 - 19 16 12 - 19 16 12 - 17 3.53 - 15.2 16.3 - 16.4 16.8 17.3 - 17 15.4 - 15.5 16.3 - 16.4 16.8 17.3 - 17 15.4 - 15.9 16.3 - 16.4 16.8 17.3 - 17.3 139 - 15.9 16.3 - 16.4 16.8 17.3 - 17.3 139 - 16.3 - 14.0 13.4 <t< td=""><th>HIPR 236 254 268 - 264 284 300</th><th>236 254 268 - 264 284</th><td>254 268 - 264 284</td><td>268 - 264 284</td><td>- 264 284</td><td>284</td><td>284</td><td></td><td>300</td><td></td><td>-</td><td>301</td><td>324</td><td>342</td><td>-</td><td>342</td><td>369</td><td>389</td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td>8 484</td><td>+</td></t<>	HIPR 236 254 268 - 264 284 300	236 254 268 - 264 284	254 268 - 264 284	268 - 264 284	- 264 284	284	284		300		-	301	324	342	-	342	369	389	-				-		8 484	+
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15.4 - 15.5 15.9 16.3 - 16.4 16.8 17.3 - 17.3 338 - 389 365 385 - 381 410 433 - 421 44.2 - 126 134 146 - 132 141 153 - 137 44.2 - 38.0 39.4 43.1 - 36.1 37.4 41.0 - 33.4 0.43 - 0.77 0.64 0.45 - 0.80 0.67 0.46 - 0.81 13 1 1 1 13 1 16 12 - 18 3.44 - 3.43 3.51 3.62 3.78 - 16.9 - 16.9 15.0 - 15.1 15.5 15.9 - 16.0 16.9 - 16.9 - 16.9 328 - 3.29 3	1600 kW 2.92 2.98 3.08 - 3.14 3.21 3.32	2.92 2.98 3.08 - 3.14 3.21	2.98 3.08 - 3.14 3.21	3.08 - 3.14 3.21	- 3.14 3.21	3.21	3.21		3.32		-	3.34	3.42	3.53	,		3.60	3.71	\neg				\neg		88 4.01	1
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146 11 21 19 16 11 21 19 16 11 11 21 19 16 11 11 3.33 3.48 3.40 3.47 3.59 3.71 3.58 3.66 3.78 3.90 3.90 3.43 3.40 3.47 3.59 3.71 3.58 3.66 3.78 3.90 3.90 3.91 3.42 3.42 3.45 3.60 3.46 3.72 3.93 4.10 3.42 3.5 3.43 3.40 3.42 3.42 3.43 3.43 3.43 3.43 3.43 3.45 3.45 3.43 3.49 3.50 3.43 3.69 3.43 3.69 3.43 3.69 3.43 3.69 3.87 3.43 3.69 3.43 3.69 3.87 3.43 3.69 3.43 3.69 3.87 3.43 3.69 3.89 4.06 3.69 3.80 3.13 3.01 3.24 3.25 3.63 3.43 3.69 3.89 4.06 3.60 3.80 3.13 3.01 3.24 3.42 3.65 3.43 3.69 3.89 4.06 3.20 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.8		S/T	0.87	0.78	0.59	0.38	06.0	0.80				0.82	0.62	\vdash		0.85		\vdash		0.88		0.43	1.00	0.89	0.67	0.43
3.37 3.48 3.40 3.47 3.59 3.71 3.58 3.66 3.78 3.90 3 14.5 15.0 14.8 15.2 15.6 16.2 15.8 16.1 16.6 17.2 1 303 317 304 327 345 360 346 372 393 410 3 40 3 40 32 393 410 3 40 3 40 32 393 410 43 46.6 50.1 30 10		ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
14.5 15.0 14.8 15.2 15.6 16.2 15.8 16.1 16.6 17.2 3 303 317 304 327 345 360 346 372 393 410 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 3 40 43 40 43 40 43 40 43 40 43 40 43 40	1800		2.97	3.03	3.13	3.23	3.20	3.27	3.37	48	3.40	3.47	3.59	3.71		3.66	3.78	3.90	3.73	3.81		Н	3.86	3.95	4.08	4.22
303 317 304 327 345 360 346 372 393 410 313 146 122 130 142 152 129 137 149 159 56 65.8 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2		Amps			13.5	14.0	13.8	14.1		Н	14.8	15.2	15.6	16.2	15.8	16.1		17.2	16.7	17.1		18.2	17.6	18.0	18.6	19.2
137 146 122 130 142 152 129 137 149 159 49.0 52.6 42.9 44.2 47.8 51.3 41.9 43.1 46.6 50.1 0.58 0.37 0.88 0.79 0.59 0.38 0.91 0.81 0.61 0.40 0 1.6 1.1 22 20 16 1.1 22 20 16 1.1 22 16 1.1 22 1.6 1.1 22 20 16 1.1 22 1.6 1.1 22 1.6 1.6 1.1 22 1.6 1.6 1.1 22 20 1.6 1.1 22 1.6 1.5 1.6 1.1 22 20 1.5 1.6 1.5 1.6 1.5 1.6 1.7 1.0 1.2 1.0 1.2 1.0 1.2 1.0 1.2 1.0 1.2 1.0 1.2 1.0 1.2		HI PR		256	270	282	267	287	303	317	304	327	345	360	346	372	393	410	389	419	442	461	430	463	489	510
49.0 52.6 42.9 44.2 47.8 51.3 41.9 43.1 46.6 50.1 50.1 60.2 <th< td=""><th></th><td>LO PR</td><td>Н</td><td>119</td><td>130</td><td>138</td><td>118</td><td>125</td><td>137</td><td>146</td><td>122</td><td>130</td><td>142</td><td>152</td><td>129</td><td>137</td><td>149</td><td>159</td><td>135</td><td>143</td><td>157</td><td>167</td><td>139</td><td>148</td><td>162</td><td>173</td></th<>		LO PR	Н	119	130	138	118	125	137	146	122	130	142	152	129	137	149	159	135	143	157	167	139	148	162	173
0.58 0.37 0.88 0.79 0.59 0.38 0.91 0.81 0.61 0.40 0 1 1 1 2 2 2 0 1 6 11 2 2 20 1 6 11 2 2 20 1 6 11 3.34 3.45 3.45 3.44 3.56 3.68 3.55 3.63 3.75 3.87 3.87 3.40 3.00 313 301 324 342 356 343 369 389 406 3.00 313 301 324 342 356 343 369 389 406 3.00 313 301 324 342 356 343 369 389 406 3.00 3.00 313 301 324 342 356 343 369 389 406 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.		MBh			50.1	53.8	43.9	45.2		52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.6	50.1	39.8	40.9		47.6	8	37.9	41.0	44.0
16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 3.34 3.45 3.45 3.68 3.55 3.63 3.75 3.87 3.88 43.0 40.62 3.88 43.0 46.2 3.88 43.0 46.2 3.88 43.0 46.2 3.88 43.0 46.2 3.88 43.0 46.2 3.88 43.0 46.2 3.88 43.0 48.2 3.88 43.0 48.2 3.88 43.0 48.2 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.88 3.89		S/T	0.83	0.74	0.56	98.0	0.86			-		0.79		0.38		0.81		0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
3.34 3.45 3.56 3.68 3.55 3.63 3.75 3.87 3.87 14.4 14.9 14.7 15.0 15.5 16.0 15.6 16.0 16.5 17.0 17.0 300 313 301 324 342 356 343 369 389 406 136 144 121 129 141 150 127 136 148 158 45.2 48.5 39.6 40.8 44.1 47.4 38.6 39.8 43.0 46.2 10.5 0.36 0.85 0.76 0.57 0.37 0.87 0.78 0.59 0.38 0 17 11 22 20 17 11 22 20 17 12 3.26 3.37 3.29 3.36 3.47 3.58 3.46 3.54 3.54 3.56 14.0 14.5 14.4 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 358 378 394 358 131 140 125 137 144 153 <		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	9
14.4 14.9 14.7 15.0 15.5 16.0 15.6 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 17.0 <th< td=""><th></th><td></td><td>2.94</td><td>3.01</td><td>3.10</td><td>3.20</td><td>3.17</td><td></td><td></td><td>Н</td><td>3.37</td><td>3.44</td><td>3.56</td><td>3.68</td><td></td><td>3.63</td><td></td><td>Н</td><td>3.70</td><td>3.78</td><td></td><td>4.04</td><td>3.83</td><td>3.91</td><td>4.05</td><td>4.18</td></th<>			2.94	3.01	3.10	3.20	3.17			Н	3.37	3.44	3.56	3.68		3.63		Н	3.70	3.78		4.04	3.83	3.91	4.05	4.18
300 313 301 324 342 356 343 369 389 406 3186 144 121 129 141 150 127 136 148 158 25. 48.5 39.6 40.8 44.1 47.4 38.6 39.8 43.0 46.2 30.5 0.36 0.36 0.37 0.37 0.87 0.78 0.59 0.38 0.39 0.34 0.35 0.35 0.37 0.37 0.37 0.37 0.37 0.37 0.38 0.39 0.38 0.39 0.39 0.39 0.39 0.39 0.39 0.39 0.39		Amps	_	13.0	13.4	13.8	13.7	14.0		-		15.0	15.5	16.0		16.0		_	16.6	16.9		18.1	17.5	17.9	18.4	19.1
136 144 121 129 141 150 127 136 148 158 45.2 48.5 39.6 40.8 44.1 47.4 38.6 39.8 43.0 46.2 3 0.56 0.36 0.85 0.76 0.57 0.37 0.87 0.78 0.59 0.38 0 17 11 22 20 17 11 22 20 17 12 3.26 3.37 3.36 3.47 3.58 3.46 3.54 3.55 3.77 3 14.0 14.5 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 358 378 394 3 131 140 118 125 137 144 153 1 131 140 118 125 137 144 153 1		HI PR	_	254	268	279	264	285	300	313	301	324	342	356	343	369	389	406	385	415	438	457	426	458	484	505
45.2 48.5 39.6 40.8 44.1 47.4 38.6 39.8 43.0 46.2 3 0.56 0.36 0.85 0.76 0.57 0.37 0.87 0.78 0.59 0.38 0 17 11 22 20 17 11 22 20 17 12 3.26 3.37 3.28 3.46 3.54 3.54 3.56 3.77 3 14.0 14.5 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 332 358 378 394 3 131 140 118 125 137 144 153 1 131 140 118 125 137 144 153 1		LO PR		118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171
0.56 0.36 0.85 0.76 0.57 0.37 0.87 0.78 0.59 0.38 0 17 11 22 20 17 11 22 20 17 12 3.26 3.37 3.29 3.36 3.47 3.58 3.46 3.54 3.55 3.77 3 14.0 14.5 14.4 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 332 358 378 394 3 131 140 118 125 137 144 153 3 Shaded area reflects ACCA (TVA) condition		MBh			46.3	49.7	40.6			48.5	39.6	40.8		47.4		39.8		46.2	36.7	37.8		43.9	34.0	35.0	37.9	40.7
17 11 22 20 17 11 22 20 17 12 3.26 3.37 3.29 3.36 3.47 3.58 3.46 3.54 3.65 3.77 3 14.0 14.5 14.4 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 322 358 378 394 3 131 140 118 125 137 146 124 131 144 153 3 Shaded area reflects ACCA (TVA) condition		S/T	0.80		0.54	0.35	0.83			\vdash		92.0	0.57	0.37				\vdash	0.91	0.81			0.92	0.82	0.62	0.40
3.26 3.37 3.29 3.36 3.47 3.58 3.46 3.54 3.55 3.77 3 14.0 14.5 14.4 14.7 15.1 15.6 15.2 15.6 16.1 16.6 1 291 304 292 314 331 346 332 358 378 394 3 131 140 118 125 137 146 124 131 144 153 Shaded area reflects ACCA (TVA) condition		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11
14.0 14.5 14.4 14.7 15.1 15.6 15.2 15.6 16.6 16.6 291 304 292 314 331 346 332 358 378 394 33 131 140 118 125 137 146 124 131 144 153 Shaded area reflects ACCA (TVA) conditional conditions	1400		2.87	2.93	3.03	3.12	3.09	3.16		Н		3.36	3.47	3.58		3.54	3.65	3.77	3.61	3.69	3.81	3.94	3.73	3.81	3.94	4.08
291 304 292 314 331 346 332 358 378 394 33 131 140 118 125 137 146 124 131 144 153 33 Shaded area reflects ACCA (TVA) condition		Amps			13.1	-	13.3	13.6	14.0	2	14.4	14.7	15.1	15.6		15.6		16.6	16.1	16.5		\vdash	17.0	17.4	17.9	18.6
131 140 118 125 137 146 124 131 144 153 Include the second se		HI PR		246	260	271	256	276	291	304	292	314	331	346	332	358	378	394	374	402	425	443	413	444	469	489
Shaded area reflects ACCA (TVA) conditio		LO PR	_		124	133	113	120	131	140	118	125	137	146	124	131	144	153	129	138	150	160	134	143	156	166
	= Entering	Indoor Dry	, Bulb Ter	nperature	(I)									Shadec	areare	flects AC	CA (TVA) conditi	ons.				kV	V = tota	kW = total system power	powe
HIGH BIOW DIESSUIPS ARE TREASURED AT THE HIGH BIO SUCCION ACCESS HIGHINGS.	and low p	oressures ar	re measu	red at th	e liquid a	and sucti	on acces	s fittings											Amps:	Unit am	as (comp	o.+ evap	orator +	condens	er fan n	notor

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EXPANDED COOLING DATA — GPC1448H41AA (cont.)

												חס	TDOOR ,	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	RATUR	ш									
				9	65			75	2			85				95		_		105		_		115		
											Ш	ENTERING INDOOR WET	G INDO	OR WET	BULB TEMPERATURE	EMPER.	TURE									
IDB	AIRF	AIRFLOW	29	63	67	71	59	63	67	71	59	63	67	71	26	63	29	71	29 (63 (. 29	71	29 (63 6	67 7	71
		MBh	47.2	48.2	51.5	55.0	46.1	47.1	50.3	53.8	45.0	46.0	49.1	52.5	43.9 4	44.8 4	47.9 5	51.2	41.7 4	42.6 4	45.5 4	48.6 3	38.6 3	39.5 42	42.1 4	45.1
		S/T	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00 (0.80	09.0	1.00 1	1.00 0	0.83 0	0.62 1	1.00 1	1.00 0.	0.83 0.	0.62
		ΔT	23	22	19	15	24	22	19	15	23	22	19	15	22	23	19	16	21	22	19	15	20	20 1	18 1	14
	1800	kW	2.99	3.05	3.15	3.25	3.22	3.29	3.40	3.51	3.43	3.50	3.62	3.74	3.61 3	3.69	3.81	3.94	3.76 3	3.85 3	3.97 4	4.11 3	3.89 3	3.98 4.	4.11 4.	4.26
		Amps	13.0	13.2	13.6	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9 1	16.3	16.8	17.3	16.8 1	17.2 1	17.7 1	18.4 1	17.8 1	18.2 18	18.7 19	19.4
		HI PR	240	259	273	285	270	290	307	320	307	330	349	364	349	376	397	414	393 4	423 4	447 4	466 4	434 4	467 4	494 5	515
		LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130 1	138	151	161	136 1	145 1	158 1	168 1	141 1	150 1	164 1	174
		MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6 4	43.5	46.5	49.7 4	40.5 4	41.3 4	44.2 4	47.2 3	37.5 3	38.3 40	40.9	43.7
		S/T	0.91	0.85	69.0	0.52	0.94	0.88	0.72	0.54	96.0	0.90	0.74	0.55	0.99	0.93	0.76	0.57	1.00 0	0.97 0	0.79 0	0.59 1	1.00 0	0.98 0.	0.79 0.	0.59
		ΤΔ	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21 1	19 1	15
80	1600	kW	2.97	3.03	3.13	3.23	3.20	3.27	3.37	3.48	3.40	3.47	3.59	3.71	3.58 3	3.66	3.78	3.91	3.73 3	3.81 3	3.94 4	4.07 3	3.86	3.95 4.	4.08 4.	4.22
		Amps	12.9	13.1	13.5	14.0	13.8	14.1	14.5	15.0	14.8	15.2	15.6	16.2	15.8 1	16.1	16.6	17.2	16.7 1	17.1	17.6 1	18.2 1	17.6 1	18.0 1	18.6 19	19.2
		HI PR	238	256	270	282	267	287	304	317	304	327	345	360	346	372	393	410	389 4	419 4	442 4	461 4	430 4	463 4	489 5	510
		LO PR	112	119	130	138	118	125	137	146	122	130	142	152	129	137	149	159	135 1	143 1	157 1	167 1	139 1	148 1	162 1	173
		MBh	42.3	43.2	46.1	49.3	41.3	42.2	45.1	48.2	40.3	41.2	44.0	47.0	39.3 4	40.2	42.9 4	45.9	37.3 3	38.2 4	40.8 4	43.6 3	34.6 3	35.4 37	37.8 40	40.4
		S/T	0.87	0.82	0.67	0.50	0.91	0.85	69.0	0.52	0.93	0.87	0.71	0.53	0.96 0	0.90	0.73	0.55	1.00 0	0.93 0	0.76 0	0.57 1	1.00 0	0.94 0.	0.77 0.	0.57
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22 1	19 1	15
	1400	ΚW	2.90	2.96	3.05	3.15	3.12	3.19	3.29	3.40	3.31	3.39	3.50	3.61	3.49 3	3.57	3.68	3.81	3.64 3	3.72 3	3.84 3	3.97 3	3.76 3	3.85 3.	3.98 4.	4.11
		Amps	12.5	12.8	13.2	13.6	13.4	13.7	14.1	14.6	14.5	14.8	15.2	15.8	15.4 1	15.7	16.2	16.8	16.3 1	16.6 1	17.1	17.7 1	17.2 1	17.5 18	18.1	18.7
		HI PR	231	248	262	274	259	279	294	307	295	317	335	349	336	361	381	398	378 4	406 4	429 4	447 4	417 4	449 4	474 4	494
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125 1	133	145	154	131 1	139 1	152 1	162 1	135 1	144 1	157 1	167

		_	1800	_	_					85 1600							1400			
MBh	S/T	ΔT	0 KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	0 kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	0 kW	Amps	HI PR	I O PR
48.0	1.00	24	3.01	ш	243 کا	_	_	0.95	25	2.99	s 13.0	240	113ء	_	0.92	56		_	233	100
.0 48.9	96.0 00	4 24	3.08	13.1 13.3	3 261	114 121	.6 47.	95 0.92	5 25	3.05	.0 13.2	.0 259	3 120	43.0 43.8	92 0.88	5 25	2.92 2.98	12.6 12.9	3 251	116
9 51.2	6 0.87	23	8 3.18		1 276	1 132	46.6 47.5 49.7 53.1	2 0.83	24		2 13.6	9 273	131	8 45.9	8 0.80	24	8 3.07	9 13.3	1 265	7,01
2 54.7	0.70	20	3 3.28	13.7 14.2	5 288	141	7 53.1	3 0.67	20	3.15 3.25	14.1	285	139	9 49.0	0.65	21	7 3.17	3 13.7	276	135
46.9	1.00	24	3.25	14.0	272	120	45.5	0.99	26	3.22	13.9	270	119	42.0	0.95	26	3.14	13.5	262	115
47.8	1.00	24	3.32	14.3	293	128	46.4	0.95	25	3.29	14.2	290	127	42.8	0.92	26	3.21	13.8	282	172
50.0	0.90	23	3.43	14.7	310	140	48.6	98.0	24	3.40	14.6	307	138	44.8	0.83	24	3.31	14.2	297	121
53.4	0.73	20	3.54	15.2	323	149	51.8	0.70	21	3.51	15.1	320	147	47.8	0.67	21	3.42	14.7	310	1.40
45.8	1.00	23	3.46	15.1	310	125	44.4	1.00	56	3.43	15.0	307	124	41.0	0.97	56	3.34	14.6	298	120
46.6	1.00	24	3.53	15.4	333	133	45.3	0.97	25	3.50	15.3	330	132	41.8	0.94	26	3.42	14.9	320	100
48.8	0.92	23	3.65	15.9	352	145	47.4	0.88	24	3.62	15.8	349	144	43.8	0.85	24	3.53	15.4	338	120
52.1	0.75	20	3.77	16.4	367	155	50.6	0.71	21	3.74	16.3	364	153	46.7	0.69	21	3.64	15.9	353	1 10
44.6	1.00	23	3.64	16.0	353	131	43.3	1.00	25	3.61	15.9	349	130	40.0	1.00	56	3.52	15.5	339	126
45.5	1.00	23	3.72	16.4	380	140	44.2	1.00	25	3.69	16.3	376	138	40.8	0.97	26	3.60	15.8	365	121
47.7	0.95	23	3.84	16.9	401	152	46.3	0.91	24	3.81	16.8	397	151	42.7	0.88	25	3.71	16.3	385	116
50.8	0.77	20	3.97	17.5	418	162	49.4	0.74	21	3.94	17.3	414	161	45.6	0.71	21	3.84	16.9	402	156
42.4	1.00	22	3.79	17.0	397	138	41.2	1.00	24	3.76	16.8	393	136	38.0	1.00	25	3.67	16.4	381	122
43.2	1.00	22	3.88	17.4	427	146	42.0	1.00	24	3.85	17.2	423	145	38.7	1.00	25	3.75	16.8	410	177
45.3	0.99	23	4.01	17.9	451	160	44.0	0.94	24	3.97	17.7	447	158	40.6	0.91	24	3.87	17.3	433	152
48.3	0.80	20	4.14	18.5	471	170	46.9	92.0	21	4.11	18.4	466	168	43.3	0.74	21	4.00	17.9	452	1.00
39.3	1.00	20	3.93	17.9	439	142	38.1	1.00	22	3.89	17.8	434	141	35.2	1.00	23	3.79	17.3	421	10,
40.0	1.00	70	4.02	18.3	472	151	38.9	1.00	22	3.98	18.2	467	150	35.9	1.00	24	3.88	17.7	453	1 1 5
41.9	1.00	21	4.15	18.9	499	165	40.7	0.95	22	4.11	18.7	494	164	37.6	0.92	23	4.01	18.2	479	7 1
44.7	0.81	18	4.29	19.6	520	176	43.4	0.77	19	4.26	19.4	515	174	40.1	0.74	20	4.15	18.9	499	160

itions. kW = total system power Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects AHRI (TVA) conditions.

IDB = Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

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EXPANDED COOLING DATA — GPC1448H41AC

65 75					75	75	75					0UTI 85	DOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE 85 95	ERATUR 95	<u></u>			105				115	
											اقا	NTERIN	G INDO	OR WE	ENTERING INDOOR WET BULB TEMPERATURE	EMPER	ATURE								
AIRFLOW 59 63 67 71 59 63 67	59 63 67 71 59 63	63 67 71 59 63	67 71 59 63	71 59 63	29 63	63	-	67		71	29	63	29	71	29	63	29	71	29	63	. 29	71 5	59 63	3 67	71
MBh 46.1 47.8 52.4 - 45.1 46.7 51.2	46.1 47.8 52.4 - 45.1 46.7	47.8 52.4 - 45.1 46.7	47.8 52.4 - 45.1 46.7	52.4 - 45.1 46.7	46.7	46.7		51.2		<u> </u>	44.0	45.6	49.9	-	42.9	44.5	48.7	-	40.8	42.2	46.3	- 37	37.8 39.1	.1 42.9	- 6
S/T 0.75 0.63 0.43 - 0.78 0.65 0.45	0.75 0.63 0.43 - 0.78 0.65	0.63 0.43 - 0.78 0.65	0.63 0.43 - 0.78 0.65	0.43 - 0.78 0.65	0.65	0.65		0.45		-	0.80	0.67	0.46	-	0.82	69.0	0.48	-	0.85 (0.71 (0.49	- 0.	0.86 0.72	72 0.50	- 0
∆T 18 15 12 - 18 16 12	18 15 12 - 18 16	15 12 - 18 16	12 - 18 16	- 18 16	16	16		12		-	18	16	12	-	18	16	12	-	18	16	12	- 1	17 15	5 11	-
1777 kW 2.39 2.46 2.55 - 2.63 2.70 2.80	2.39 2.46 2.55 - 2.63 2.70	2.46 2.55 - 2.63 2.70	2.46 2.55 - 2.63 2.70	2.55 - 2.63 2.70	2.70	2.70		2.80		-	2.83	2.91	3.02	-	3.01	3.09	3.22	-	3.17	3.25	3.38	- 3.	3.30 3.39	3.52	2 -
Amps 13.2 13.4 13.8 - 14.1 14.4 14.8	13.2 13.4 13.8 - 14.1 14.4	13.2 13.4 13.8 - 14.1 14.4	13.4 13.8 - 14.1 14.4	13.8 - 14.1 14.4	14.4	14.4		14.8		-	15.2	15.5	16.0	-	16.1	16.5	17.0	-	17.1	17.4	18.0	- 18	18.0 18.4	.4 19.0	- 0
HIPR 232 250 264 - 261 281 296	232 250 264 - 261 281	232 250 264 - 261 281	250 264 - 261 281	- 261 281	281	281		296		-	297	319	337	-	338	364	384	-	380	409	432	- 4	420 452	2 477	/
LO PR 111 118 129 - 117 125 136	111 118 129 - 117 125	111 118 129 - 117 125	118 129 - 117 125	129 - 117 125	125	125		136		-	122	129	141	-	128	136	148	-	134	143	156	- 13	139 147	7 161	1 -
MBh 44.8 46.4 50.9 - 43.7 45.3 49.7	44.8 46.4 50.9 - 43.7 45.3	46.4 50.9 - 43.7 45.3	46.4 50.9 - 43.7 45.3	50.9 - 43.7 45.3	45.3	45.3		49.7			42.7	44.3	48.5	-	41.7	43.2	47.3	-	39.6	41.0 4	44.9	- 3(36.7 38.0	.0 41.6	- 9
S/T 0.72 0.60 0.41 - 0.74 0.62 0.43	0.72 0.60 0.41 - 0.74 0.62	0.60 0.41 - 0.74 0.62	0.60 0.41 - 0.74 0.62	0.41 - 0.74 0.62	0.62	0.62		0.43		-	0.76	0.64	0.44	-	0.79	99.0	0.45	-	0.81 (0.68 (0.47	- 0	0.82 0.69	59 0.48	- 8
ΔT 19 16 12 - 19 16 12	19 16 12 - 19 16	16 12 - 19 16	12 - 19 16	- 19 16	16	16		12		-	19	16	12	-	19	16	12	-	19	16	12	- 1	18 15	5 12	1
1582 kW 2.37 2.43 2.53 - 2.60 2.67 2.78	2.37 2.43 2.53 - 2.60 2.67	2.43 2.53 - 2.60 2.67	2.43 2.53 - 2.60 2.67	2.53 - 2.60 2.67	2.67	2.67		2.78			2.80	2.88	2.99	-	2.98	3.06	3.19	-	3.14	3.22	3.35	- 3.	3.27 3.36	36 3.49	- 6
Amps 13.1 13.3 13.7 - 14.0 14.3 14.7	13.1 13.3 13.7 - 14.0 14.3	13.3 13.7 - 14.0 14.3	13.3 13.7 - 14.0 14.3	13.7 - 14.0 14.3	14.3	14.3	- 1	14.7		-	15.1	15.4	15.9	-	16.0	16.3	16.8	-	16.9	17.3 1	17.8	- 17	17.8 18.2	.2 18.8	8
HIPR 230 248 262 - 258 278 293	230 248 262 - 258 278	230 248 262 - 258 278	248 262 - 258 278	- 258 278	278	278	-	293	- 1	,	294	316	334	,	335	360	380	,	376	405 4	428	- 4	416 447	.7 473	
LO PR 110 117 127 - 116 123 135	110 117 127 - 116 123	110 117 127 - 116 123	117 127 - 116 123	- 116 123	123	123		135		•	120	128	140	-	127	135	147	,	133	141	154	- 1.	137 146	6 159	- 6
MBh 41.3 42.8 46.9 - 40.4 41.8 45.8	41.3 42.8 46.9 - 40.4 41.8	42.8 46.9 - 40.4 41.8	42.8 46.9 - 40.4 41.8	46.9 - 40.4 41.8	41.8	41.8		45.8	· I	,	39.4	40.8	44.8	-	38.5	39.9	43.7	-	36.5	37.9 4	41.5	- 33	33.8 35.1	.1 38.4	4 -
S/T 0.69 0.58 0.40 - 0.72 0.60 0.41	0.69 0.58 0.40 - 0.72 0.60	0.58 0.40 - 0.72 0.60	0.58 0.40 - 0.72 0.60	0.40 - 0.72 0.60	09.0	09.0		0.41		-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79 (0.66 (0.45	- 0.	0.79 0.66	56 0.46	- 9
ΔT 19 16 12 - 19 17 13	19 16 12 - 19 17	16 12 - 19 17	16 12 - 19 17	- 19 17	17	17		13			19	17	13	-	19	17	13	-	19	16	13	- 1	18 15	5 12	1
1386 kW 2.30 2.36 2.45 - 2.52 2.59 2.69	2.30 2.36 2.45 - 2.52 2.59	2.36 2.45 - 2.52 2.59	2.36 2.45 - 2.52 2.59	2.45 - 2.52 2.59	2.59	2.59		2.69		,	2.72	2.79	2.90	-	2.89	2.97	3.09	-	3.04	3.12	3.25	- 3.	3.17 3.26	3.38	- 8
Amps 12.7 13.0 13.4 - 13.6 13.9 14.3	12.7 13.0 13.4 - 13.6 13.9	12.7 13.0 13.4 - 13.6 13.9	13.0 13.4 - 13.6 13.9	13.4 - 13.6 13.9	13.9	13.9		14.3			14.7	15.0	15.5	-	15.6	15.9	16.4	-	16.5	16.9	17.4	- 17	17.4 17.8	.8 18.3	3 -
HIPR 223 240 254 - 251 270 285	223 240 254 - 251 270	240 254 - 251 270	240 254 - 251 270	- 251 270	270	270		285			285	307	324	-	324	349	369	-	365	393	415	- 4	403 434	4 458	- 8
LO PR 106 113 124 - 112 120 131	106 113 124 - 112 120	106 113 124 - 112 120	113 124 - 112 120	- 112 120	120	120		131			117	124	136	-	123	131	143	-	129	137	149	- 13	133 142	2 155	
									١																

.5 42.8 45.9	.88 0.66 0.43	8 15 10	13 3.56 3.70	.6 19.1 19.8	7 482 503	9 163 173	.4 41.5 44.6	.84 0.63 0.41	9 15 11	.39 3.53 3.67	.4 19.0 19.6	32 477 498	17 161 171	.4 38.3 41.2	31 0.61 0.39	9 16 11	.29 3.42 3.56	.9 18.5 19.1	8 463 483	3 156 166	
38.4 39.5	0.98 0.8	19 18	3.34 3.43	18.1 18.6	424 457	140 149	37.3 38.4	0.93 0.8	20 19	3.30 3.3	18.0 18.	420 452	139 147	34.4 35.4	0.90 0.81	21 19	3.20 3.2	17.5 17.9	407 438	134 143	
49.6	0.42	11	3.55	18.8	455	167	48.1	0.40	11	3.52	18.6	451	166	44.4	0.39	11	3.41	18.1	437	161	
46.2	99.0	16	3.42	18.1	436	157	44.9	0.63	16	3.38	18.0	432	156	41.4	09.0	17	3.28	17.5	419	151	
42.7	0.87	19	3.29	17.6	413	144	41.4	0.83	20	3.25	17.5	409	143	38.2	0.80	20	3.16	17.0	397	138	
41.5	0.97	21	3.20	17.2	384	135	40.2	0.93	22	3.17	17.1	380	134	37.1	0.89	22	3.07	16.6	369	130	
52.2	0.41	11	3.38	17.7	405	160	50.7	0.39	11	3.35	17.6	401	158	46.8	0.37	12	3.25	17.1	389	153	
48.6	0.63	16	3.25	17.1	388	150	47.2	09.0	17	3.22	17.0	384	149	43.6	0.58	17	3.12	16.6	373	144	
44.9	0.84	19	3.13	16.6	367	137	43.6	08.0	20	3.10	16.5	364	136	40.3	0.77	21	3.00	16.1	353	132	
43.6	0.94	21	3.04	16.3	341	129	42.4	0.89	22	3.01	16.1	338	128	39.1	0.86	22	2.95	15.7	328	124	
53.5	0.39	11	3.18	16.7	355	152	51.9	0.38	11	3.15	16.5	352	151	47.9	0.36	12	3.05	16.1	341	146	
49.8	0.61	16	3.05	16.1	341	143	48.4	0.59	16	3.02	16.0	337	141	44.7	0.56	17	2.93	15.6	327	137	
46.0	0.81	19	2.94	15.6	322	131	44.7	0.77	20	2.91	15.5	319	129	41.3	0.75	20	2.82	15.1	310	126	
44.7	0.91	21	2.86	15.3	300	123	43.4	0.86	22	2.83	15.2	297	122	40.1	0.83	22	2.75	14.8	288	118	
54.8	0.39	11	2.95	15.5	312	146	53.2	0.37	11	2.92	15.3	309	145	49.1	0.35	12	2.83	14.9	300	141	
51.1	09.0	16	2.83	14.9	299	137	3 49.6	5 0.57	16	0 2.80	14.8	296	136	3 45.8	3 0.55	17	2.72	14.5	288	132	
3 47.2	8 0.79	19	5 2.72	2 14.5	3 284	3 126	5 45.8	4 0.75	20	3 2.70	1 14.4	1 281	7 125	1 42.3	1 0.73	20	5 2.62	8 14.1	3 272	121	
1 45.8	7 0.88	21	8 2.65	4 14.2	3 263	3 118	5 44.5	5 0.84	22	5 2.63	3 14.1	5 261	7 117	3 41.1	4 0.81	22	8 2.55	9 13.8	7 253	3 114	
3 56.1	8 0.37	111	8 2.68	9 14.4	7 278	0 138	8 54.5	5 0.35	11	6 2.66	8 14.3	4 276	9 137	8 50.3	3 0.34	, 11	8 2.58	5 13.9	6 267	5 133	
.3 52.3	76 0.58) 16	18 2.58	.5 13.9	3 267	9 130	.9 50.8	73 0.55) 16	16 2.56	.4 13.8	0 264	8 129	.3 46.8	70 0.53) 17	38 2.48	.1 13.5	.3 256	4 125	
.9 48.3	35 0.76	1 19	2.42 2.48	.3 13.5	5 253	.2 119	45.5 46.9	81 0.73	2 20	39 2.46	.2 13.4	13 250	.1 118	.0 43.3	0.78 0.70	2 20	32 2.38	12.8 13.1	6 243	114	
h 46.9	г 0.85	. 21	_	os 13.3	R 235	PR 112	Н	г 0.81	. 22	7 2.39	os 13.2	R 233	PR 111	h 42.0	_	- 22	7 2.32	_	R 226	PR 108	
MBh	S/T	ΔT	_ kW	Amps	HI PR	LO PR	MBh	T/S	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	
			1777							1582				L			1386				
		_						_		75	_	_					_				

Shaded area reflects ACCA (TVA) conditions. $Amps: Unit\ amps\ (comp.+\ evaporator+\ condenser\ fan\ motors)$

EXPANDED COOLING DATA — GPC1448H41AC (cont.)

AIRFU	59 47.7 0.94 23 2.44 13.4		65			7	١.,			ă				10		-		101				115	
AIRFL	59 47.7 0.94 23 2.44	ę				•				3				CD		-		221					
	59 47.7 0.94 23 2.44								В	NTERIN	G INDO	OR WET	ENTERING INDOOR WET BULB TEMPERATURI	EMPER/	TURE								
	0.94 23 23 2.44	63	- 69	71	59	63	29	71	59	63	29	71	29	63	29	71	29 (63	67 7	71 5	59 63	3 67	71
	23 2.44	48.8	52.1	55.7	46.6	47.6	50.9	54.4	45.5	46.5	49.7	53.1	44.4	45.4	48.5	51.8 4	42.2 4	43.1 4	46.1 49	49.2 39.	9.1 39.	.9 42.	7 45.6
	23 2.44	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	92.0	0.57	1.00 (0.96	0.78 (0.59 1	1.00 1.	1.00 0	0.81 0.	0.61 1.	.00 1.0	.00 0.82	2 0.61
	2.44	22	19	15	23	22	19	16	24	22	20	16	23	23	20	16	22 2	22	19 1	15 2	20 21	1 18	14
Amps HI PR LO PR	107	2.51	2.61	2.71	2.68	2.75	2.86	2.98	2.89	2.97	3.09	3.21	3.08	3.16	3.28	3.42 3	3.23	3.32 3	3.45 3.	3.59 3.	37 3	.46 3.6	.60 3.74
HI PR LO PR	10.4	13.7	14.1	14.5	14.3	14.6	15.1	15.6	15.4	15.8	16.3	16.8	16.4	16.8 1	17.3	17.9 1	17.4 1	17.7 1	18.3 18	18.9 18	8.3 18.	.7 19.	3 20.0
LO PR	237	255	270	281	566	286	302	315	303	326	344	359	345	371	392	409 3	388 4	417 4	441 4	460 4;	429 461	1 487	7 508
	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161 1	137 1	145 1	159 1	169 14	141 150	0 164	4 175
MBN	46.4	47.4	9.09	54.1	45.3	46.3	49.4	52.8	44.2	45.2	48.2	51.6	43.1	44.1	47.1	50.3 4	41.0 4	41.9 4	44.7 4	47.8 37	37.9 38.8	.8 41.	44.3
S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98 (0.92	0.75	0.56 1	1.00 0	0.95 0	0.78 0.	0.58 1.0	1.00 0.96	96 0.78	8 0.58
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20 1	16 2	22 22	2 19	15
80 1582 kW	2.42	2.48	2.58	2.68	2.65	2.72	2.83	2.95	2.86	2.94	3.05	3.18	3.05	3.13	3.25	3.38 3	3.20 3	3.29 3.	42	3.56 3.	34 3	.43 3.5	56 3.70
Amps	13.3	13.5	13.9	14.4	14.2	14.5	15.0	15.5	15.3	15.6	16.1	16.7	16.3	16.6	17.1	17.7 1	17.2 1	17.6 1	18.1	18.8 18	18.1 18.	.6 19.1	1 19.8
HI PR	235	253	267	278	264	284	299	312	300	323	341	355	341	367	388	405 3	384 4	413 4	436 4	455 42	424 457	7 482	2 503
LO PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135 1	144 1	157 1	167 14	140 149	9 163	3 173
MBh	42.8	43.7	46.7	49.9	41.8	42.7	45.6	48.8	40.8	41.7	44.5	47.6	39.8	40.7	43.4 4	46.4 3	37.8 3	38.6 4	41.3 4	44.1 35	35.0 35.8	.8 38.	2 40.9
S/T	0.86	0.81	99.0	0.49	0.89	0.84	0.68	0.51	0.91	98.0	0.70	0.52	0.94 (0.89	0.72 (0.54 0	0.98 0.	92	0.75 0.	0.56 0.	.99 0.93	0	75 0.56
ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20 1	16 2	23 22	2 19	15
1386 kW	2.34	2.41	2.50	2.60	2.57	2.64	2.75	2.86	2.78	2.85	2.96	3.08	2.95	3.03	3.15	3.28 3.	10	3.19 3	3.31 3.	45 3.	24 3	.32 3.4	45 3.59
Amps	12.9	13.2	13.6	14.1	13.9	14.2	14.6	15.1	14.9	15.3	15.7	16.3	15.9	16.2	16.7	17.3 1	16.8 1	17.2 1	17.7 18	18.3 17	17.7 18.	.1 18.	.6 19.3
HI PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	373 4	401 4	423 4	441 4	412 443	3 468	8 488
LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155 1	131 1	140 1	152 1	162 13	136 144	4 158	8 168

MBh 48.6 49.5	S/T 0.98 0.95	ΔT 25 24	1777 kW 2.47 2.53	Amps 13.5 13.8 14.2 14.6	HI PR 240 258	LO PR 114 122	MBh 47.2 48.1 50.3	S/T 0.94 0.90 0.81	ΔT 26 25	85 1582 kW 2.44 2.51 2.61	Amps 13.4 13.7 14.1 14.5	HI PR 237 255	LO PR 113 120	MBh 43.5 44.4 46.5 49.6	S/T 0.90 0.87	ΔT 26 26	1386 kW 2.37 2.43 2.53 2.63	Amps 13.1 13.3	HI PR 230 248	777
51.9 55.3	0.85 0.69	23 20	2.63 2.74	14.2 14.	272 284	133 141	50.3 53.7	0.81 0.66	24 21	2.61 2.71	14.1 14.	270 281	131 140	46.5 49.	0.79 0.64	24 21	2.53 2.6	13.7 14.2	261 273	361 761
3 47.4	9 1.00	25	4 2.71	6 14.4	4 269	1 121	7 46.1	6 0.97	. 26	1 2.68	5 14.3	1 266	0 119	6 42.5	4 0.93	. 26	3 2.60	2 14.0	3 258	,
48.4	0.98	25	2.78	14.8	289	128	47.0	0.94	56	2.75	14.6	286	127	43.3	0.90	56	2.67	14.3	278	,
50.7	0.89	23	2.89	15.2	305	140	49.2	0.84	24	2.86	15.1	302	139	45.4	0.81	25	2.77	14.7	293	100
54.0	0.72	20	3.01	15.7	319	149	52.5	0.68	21	2.98	15.6	315	148	48.4	99.0	21	2.89	15.2	306	
46.3	1.00	24	2.92	15.6	306	125	45.0 4	0.99	26	2.89	15.4	303	124	41.5 4	0.96	26	2.80	15.1	294	00,
47.2	1.00	24	3.00	15.9	329	133	45.8 4	0.96	26	2.97	15.8	326	132	42.3	0.92	26	2.88	15.4	316	9
49.4	0.91	23	3.12	16.4	347	146	48.0	0.87	24	3.09	16.3 1	344	144	44.3 4	0.83	25	2.99	15.8 1	334	
52.8	0.74	20	3.24	17.0	362	155	51.2	0.70	21	3.21	16.8 1	329	154	47.3	0.68 (21	3.11	16.4	348	
45.2 4	1.00 1	23	3.11 3	16.5 1	348 3	132 1	43.9 4	1.00 0	26	3.08	16.4 1	345 3	130 1	40.5 4	0.99 0	27	2.98 3	16.0 1	334 3	,
46.1 4	1.00 0	24	3.19 3	16.9	375 3	140 1	44.7 4	0.99 0	26 2	3.16 3	16.8 1	371 3	139 1	41.3 4	0.95 0	26	3.06	16.3	360 3	,
48.2 5	0.94 0.	23 2	3.32 3.	17.4 18	396 4	153 1	46.8 50	0.89 0.	24 2	3.28 3.	17.3 17	392 4	152 1	43.2 4	0.86 0.	25 2	3.18 3.	16.8 17	380 3	;
51.5 42	0.76 1.	20 2	3.45 3.	18.0 17	413 3	163 1.	50.0 4:	0.72 1.	21 2	3.42 3.	17.9 17	409 3	161 1:	46.1 38	0.70 1.	21 2	3.31 3.	17.4 16.	396	111
42.9 43	1.00 1.	22 2	3.27 3.	17.5 17	392 47	138 14	41.7 42	1.00 1.	24 2	3.23 3.	17.4 17	388 4:	137 14	38.5 39	1.00 0.1	26 2	3.14 3.	6	376 40	,
43.8 45	1.00 0.97	23 2	3.35 3.4	17.9 18	422 44	147 160	42.5 44	1.00 0.1	25 2	3.32 3.45	17.7 18.3	417 441	145 15	39.2 41.1	0.99 0.	26 2	3.22 3.35	17.3 17	405 42	;
45.8 48.9	97 0.79	23 20	3.49 3.63	18.5 19.1	445 464	0 171	44.5 47.5	0.93 0.75	24 21	15 3.59	.3 18.9	11 460	159 169	.1 43.8	0.89 0.73	24 21	35 3.48	17.8 18.4	428 446	
9 39.8	9 1.00) 21	3 3.40	1 18.5	4 433	1 143	5 38.6	5 1.00	1 22	9 3.37	9 18.3	0 429	9 141	8 35.6	3 1.00	1 24	8 3.27	4 17.8	6 416	
8 40.5	0 1.00	. 21	0 3.49	5 18.9	3 466	3 152	6 39.4	0 1.00	23	7 3.46	3 18.7	9 461	1 150	6 36.3	0 1.00	24	7 3.36	8 18.2	5 447	
42.5	0.98	22	3.63	19.5	492	166	41.2	0.94	22	3.60	, 19.3	487	164	38.0	0.90	23	3.49	18.8	472	1
45.3	0.80	19	3.78	20.2	513	177	44.0	0.76	19	3.74	20.0	508	175	40.6	0.73	20	3.63	19.5	493	1

(TVA) conditions. $\mbox{kW} = \mbox{total system power}$ $\mbox{Amps: Unit amps (comp.+ evaporator + condenser fan motors)}$

Shaded area reflects AHRI (TVA) conditions.

EXPANDED COOLING DATA — GPC1460H41A*

Mail No. Sa Sa Sa Sa Sa Sa Sa S													ō	JTDOOR	AMBIE	OUTDOOR AMBIENT TEMPERATURE	PERATU	IRE									
Main					9	55				75			8	5			6	ñ			10	2			11;		
Fried 563 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 50 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 60 71 71 80 83 30 72 60 71 71 80 83 30 40 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>ENTER</th><th>NG IND</th><th>OOR W</th><th>ET BULB</th><th>TEMPE</th><th>RATURE</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>													ENTER	NG IND	OOR W	ET BULB	TEMPE	RATURE									
MBN Signature Signature	DB	AIRF	FLOW	59	63	67	71	29	63	67	71	29	63	67	71	59	63	29	71	29	63	29	71	59	63	29	71
877 0.71 0.60 0.41 0.62 0.43 0.64 0.63 0.44 0.78 0.65 0.45 0.45 0.76 0.64 0.78 0.65 0.45 0.78 0.64 0.78 0.64 0.78 0.78 0.79 0.78 0.79	\vdash		MBh	56.3	58.4	64.0		55.0			١.	53.7	55.7	61.0		52.4	54.3	59.5	-	49.8		56.5	-		47.8	52.4	
MB/L 54.7 18 14 2 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 18 14 21 11 11 18 19	_		S/T	0.71	09.0	0.41		0.74			-	0.76	0.63	0.44	-	0.78	0.65	0.45	-			0.47	Н			0.47	
480 KW 3.70 3.78 3.91 4.00 4.03 4.23 4.51 4.51 4.50 4.75 4.69 4.80 4.80 4.80 4.90 4.90 4.23 4.31 4.31 4.60 4.80 4.90 4.90 4.21 4.81 4.93 4.93 4.90 4.90 4.93 4.			ΔT	21	18	14		21	18	14		21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	
4mb 15.7 16.0 16.5 17.2 17.8 18.0 18.0 19.2 2 20.6 20.1 21.1 21.7 2 22.2 23.2 44.0 3.6 3.9 41.9 43.2 43.0 43.2 43.0 43.2 44.0 43.2 43.0 41.0 <th></th> <th>1800</th> <td></td> <td>3.70</td> <td>3.78</td> <td>3.91</td> <td></td> <td>4.00</td> <td></td> <td></td> <td>-</td> <td>4.26</td> <td>4.36</td> <td>4.51</td> <td>-</td> <td>4.49</td> <td>4.60</td> <td>4.75</td> <td>-</td> <td></td> <td></td> <td>4.96</td> <td></td> <td>4.86</td> <td>4.97</td> <td>5.14</td> <td></td>		1800		3.70	3.78	3.91		4.00			-	4.26	4.36	4.51	-	4.49	4.60	4.75	-			4.96		4.86	4.97	5.14	
HHR NHR NHR NHR NHR NHR NHR NHR NHR NHR	_		Amps	_	16.0	16.5		16.9			1	18.2	18.6	19.2	-	19.4	19.9	20.5	-	20.6	21.1	21.7	Н		22.3	23.0	
MBH 54,7 56,7 62,1 - 2 53,4 55,4 60,7 - 5 52,2 54,1 59,2 - 5 50,9 52,7 57,8 - 48,3 50,1 54,9 54,9 54,9 55,7 62,1 - 5 53,4 55,4 60,7 - 5 52,2 54,1 59,2 - 5 50,9 52,7 57,8 - 7 48,3 50,1 54,9 - 7 54,	_		HI PR	Н	256	271		267			-	304	327	345	-	346	373	393	-	390	419	443	Н	430	463	489	,
MBh S4.7 S6.7 G.21 C. S.3.4 S.5.4 G.0.7 G.22 S4.1 S9.2 C. S9.2 S. S9.2 S. S9.2 S. S9.2 S. S9.2 S9			LO PR	_	115	125		114			1	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	
45/7 6.68 0.57 0.39 0.7 0.60 0.42 0.7 0.62 0.43 0.9 0.43 0.7 0.62 0.43 0.9 0.75 0.60 0.42 0.7 0.60 0.42 0.7 0.62 0.43 0.7 0.70 0.70 0.60 0.42 0.7 0.75 0.62 0.43 0.7 0.70	_		MBh	54.7	56.7	62.1		53.4			١.	52.2	54.1	59.2		50.9	52.7	57.8	-	48.3		54.9	Н		46.4	50.9	
40T 21 19 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 2 14 4	_		S/T	0.68	0.57	0.39		0.71			-	0.72	09.0	0.42	-	0.75	0.62	0.43	-	0.78		0.45	-			0.45	
460 KW 3.67 3.78 3.88 2 3.97 4.06 4.19 - 4.47 - 4.46 4.56 4.71 - 4.64 4.56 4.71 - 4.82 4.47 - 4.46 4.56 4.71 - 4.82 4.47 - 4.46 4.56 4.71 4.64 4.56 4.71 4.83 4.85 4.71 4.76 4.82 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.71 4.76 4.72 4.73 4.76			ΔT	21	19	14		22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	17	13	
Amps 15.6 15.9 16.4 16.7 17.1 17.6 - 18.1 18.5 19.1 - 19.2 19.7 20.3 - 20.4 20.3 - 20.4 20.3 - 20.4 20.3 19.1 19.7 19.7 19.7 19.7 20.3 - 20.4 20.3 19.1 19.2 19.1 19.7 19.4 19.2 19.4 36 30.9 - 386 415 42.6 42.9 42.6 42.7 4	_	1600	kW	3.67	3.75	3.88	•	3.97			1	4.23	4.32	4.47	1	4.46	4.56	4.71	1	4.65		4.92	-			5.10	
HIPR 366 264 268 265 285 301 324 342 342 369 390 369 386 415 438 426 459 469 390 386 415 438 42 426 459 469 470 481 481 482 131 143 120 131 120 131 120 131 120 131 120 131 120 131 143 143 6 486 487 53.3 486 480 487 63.3 486 480 480 487 63.3 486 487 53.3 486 48.3 48.3 48.2 48.3	_		Amps		15.9	16.4	٠.	16.7			-	18.1	18.5	19.1	-	19.2	19.7	20.3	-	20.4		21.5	-			22.8	
MBh 50.5 52.3 57.3 6 13 120 131 120 131 120 131 120 131 120 136 136 136 136 136 13 131 143 150 137 150 133 142 133 143 143 150 131 150 131 150 131 150 131 150 131 150 131 150 131 150	_		HI PR		254	268	١.	265			-	301	324	342	-	343	369	390	-	386	415	438	-	426	459	484	
MBh 50.5 52.3 57.3 9 43.1 56.7 9 48.1 49.7 48.7 53.3 9 44.6 46.7 46.2 50.7 9 41.3 42.8 41.3 41.8			LO PR	_	114	124		113			٠	117	125	136	١	123	131	143	-	129	137	150	-	133	142	155	
AT 0.66 0.55 0.38 0.67 0.39 0.7 0.50 0.40 0.7 0.60 0.42 0.7 0.42 0.7 0.60 0.42 0.7 0.62 0.43 0.7 0.63 0.70 0.58 0.40 0.7 0.60 0.42 0.7 0.62 0.43 0.7 0.63 0.7 0.7 0.80 0.7 </th <th></th> <th>'</th> <td>MBh</td> <td>50.5</td> <td></td> <td>57.3</td> <td> </td> <td>49.3</td> <td> </td> <td></td> <td> </td> <td>48.1</td> <td>49.9</td> <td></td> <td> </td> <td>47.0</td> <td>48.7</td> <td>53.3</td> <td>-</td> <td>44.6</td> <td> </td> <td>50.7</td> <td>\exists</td> <td> </td> <td></td> <td>46.9</td> <td></td>		'	MBh	50.5		57.3		49.3				48.1	49.9			47.0	48.7	53.3	-	44.6		50.7	\exists			46.9	
AV 3.58 3.66 3.78 2.9 14 - 22 19 15 - 22 19 15 - 22 19 14 - 20 18 - 22 19 15 15 16 17 17.2 - 4.12 4.35 - 4.44 4.59 - 4.53 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 4.80		'	S/T	99.0		0.38		0.68				0.70	0.58	0.40	-	0.72	09.0	0.42	-			0.43	\exists			0.44	
kW 3.58 3.66 3.78 3.95 4.08 - 4.12 4.21 4.35 - 4.44 4.59 - 4.53 4.69 4.69 4.69 4.69 - 4.69 4.80 4.80 4.80 4.80 4.80 - 4.34 4.44 4.59 - 4.53 4.60 - 4.69 4.80 - 4.80 4.80 - 4.30 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 4.80 4.80 4.80 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.69 - 4.60 4.80 4.80 4.80 4.80 4.80 4.80 4.80			ΔT	22	19	14	•	22	19	14	1	22	19	15	1	22	19	15	1	22	19	14	-	20	18	13	
15.2 15.6 - 16.3 16.7 17.2 - 17.6 18.0 18.6 - 18.7 19.2 19.8 - 19.9 20.3 21.0 - 21.0		1400	kW	3.58	3.66	3.78	•	3.87			1	4.12	4.21	4.35	1	4.34	4.44	4.59	1	4.53		4.79	-		4.80	4.97	
229 246 260 - 257 276 292 - 292 314 332 - 378 - 374 403 425 - 413 445 103 110 120 - 109 116 127 - 119 121 132 - 119 127 139 - 129 138			Amps	_	15.5	16.0	٠.	16.3			1	17.6	18.0	18.6	-	18.7	19.2	19.8	-	19.9	20.3	21.0	-			22.2	
103 110 120 - 109 116 127 - 114 121 132 - 119 127 139 - 125 133 145 - 129 138			HI PR	-	246	260		257	276		٠	292	314	332	'	333	358	378	-	374	403	425	\dashv	413	445	470	٠
			LO PR		110	120		109			-	114	121	132	-	119	127	139	-	125	133	145		129	138	150	

| 56.0 57.6 62.4 66.9 0.84 0.75 0.57 0.37 24 22 18 13 4.03 4.12 4.26 4.41 17.0 17.4 17.9 18.6 270 291 307 320 115 122 134 142 54.3 55.9 60.6 65.0 0.80 0.72 0.54 0.35 25 23 19 13 4.00 4.03 4.23 4.37 16.9 17.3 17.8 18.4 267 288 304 317 114 121 132 141 50.2 51.6 55.9 60.0 0.77 0.69 0.52 0.34 25 23 19 13 3.90 3.99 4.12 4.26 16.8 17.3 17.9 25 23 19 | 57.6 62.4 66.9 54.6 0.75 0.37 0.86 22 18 13 24 4.12 4.26 4.41 4.30 17.4 17.9 18.6 18.4 291 307 320 307 122 134 142 120 55.9 60.6 65.0 53.0 0.72 0.54 0.35 0.82 23 19 13 25 4.09 4.23 4.37 4.26 17.3 17.8 18.4 18.2 288 304 317 304 121 13 26 288 304 317 304 121 13 16 30 29 0.59 0.00 49.0 0.69 0.52 0.34 0.79 29 4.12 4.26 4.15 16.8 17.3 17.8 < | 57.6 62.4 66.9 54.6 56.3 0.75 0.57 0.37 0.86 0.77 22 18 13 24 22 4.12 4.26 4.41 4.30 4.40 17.4 17.9 18.6 18.4 18.8 291 307 320 307 330 122 134 142 120 127 55.9 60.6 65.0 53.0 54.6 0.72 0.54 0.35 0.82 0.74 23 19 13 25
 23 4.09 4.23 4.37 4.26 4.36 17.3 17.8 18.2 18.6 18.6 288 304 317 304 327 121 13 26 24 121 13 26 24 21 13 26 24 21 13 26 24 | 57.6 62.4 66.9 54.6 56.3 60.9 0.75 0.57 0.37 0.86 0.77 0.58 22 18 13 24 22 18 4.12 4.26 4.41 4.30 4.40 4.55 17.4 17.9 18.6 18.4 18.8 19.4 291 307 320 37 349 15.2 122 134 142 120 127 139 55.9 60.6 65.0 53.0 54.6 59.1 0.72 0.54 0.35 0.32 0.74 0.56 23 19 13 25 23 19 4.51 4.09 4.23 4.37 4.26 4.36 4.51 4.56 24.0 13.2 14.2 18.2 18.2 19.2 28 30.4 31.7 30.4 32.7 34.6 21.1 13.2 14.2 | 57.6 62.4 66.9 54.6 56.3 60.9 65.3 0.75 0.57 0.37 0.86 0.77 0.58 0.38 22 18 13 24 22 18 13 4.12 4.26 4.41 4.30 4.40 4.55 4.70 17.4 17.9 18.6 18.4 18.8 19.4 20.1 291 307 320 307 330 349 364 122 134 142 120 127 139 148 55.9 60.6 65.0 53.0 54.6 59.1 63.4 0.72 0.54 0.35 0.32 0.34 13 4.6 23 19 13 25 23 19 13 4.09 4.23 4.36 4.51 4.66 17.3 17.8 18.7 18.6 19.2 28 30.4 32.4 34.5
 | 57.6 62.4 66.9 54.6 56.3 60.9 65.3 58.3 0.75 0.57 0.37 0.86 0.77 0.58 0.38 0.89 22 18 13 24 22 18 13 24 4.12 4.26 4.41 4.30 4.40 4.55 4.70 4.53 4.12 4.26 4.41 4.30 4.40 4.55 4.70 4.53 17.4 17.9 18.6 18.4 18.8 19.4 20.1 19.6 291 307 320 307 330 349 364 350 122 134 142 120 127 139 148 126 55.9 60.6 65.0 53.0 54.6 59.1 63.4 51.8 23 19 13 25 23 19 13 25 4.09 4.23 4.34 4.26 4.36 36.8
 | 57.6 62.4 66.9 54.6 56.3 60.9 65.3 53.9 54.9 0.75 0.57 0.37 0.86 0.77 0.58 0.38 0.89 0.80 22 18 13 24 22 18 13 24 22 4.12 4.26 4.41 4.30 4.40 4.55 4.70 4.53 4.64 1.74 1.79 18.6 18.4 18.8 19.4 20.1 19.6 20.0 291 307 320 340 349 364 350 376 122 13 12 12 12 13 2 20.0 291 307 320 36 59.1 60.1 13 2 20 25.0 60.6 65.0 53.0 54.6 59.1 63.6 0.76 0.36 0.82 0.74 0.56 0.36 0.82 0.74 0.56 0.82 0.74 | 7.7.6 62.4 66.9 54.6 56.3 65.3 65.3 67.9 65.3 67.9 65.3 67.9 65.3 67.9 65.3 67.9 <t< th=""><th>77.6 62.4 66.9 64.6 65.9 65.3 63.3 54.9 59.4 69.9 65.9 69.9 <th< th=""><th>7.7.6 66.24 66.9 54.6 66.3 67.9 65.3 63.3 54.9 59.4 63.8 50.6 52.1 56.7 56.3 0.75 0.87 0.86 0.77 0.58 0.38 0.89 0.80 0.60 0.39 0.60 0.39 0.60 0.39 0.60 0.39 0.60 0.89 0.60 0.39 0.60 0.89 0.80 0.60 0.39 0.60 0.89 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.60 0.99 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.90 0.80 0.90 0.80 0.90 0.90 0.90 0.90</th><th>57.6 66.4 66.9 67.6 67.3 63.3 63.4 63.4 63.6 63.6 63.6 65.3 60.9 65.3 63.9 63.9 63.9 63.9 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0
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 | 56.4 60.6 46.9 48.3 0.63 0.40 0.93 0.83 18 12 22 21 5.01 5.01 4.90 5.02 21.9 22.7 21.9 22.5 447 466 435 468 153 163 136 145 54.8 58.8 45.5 46.9 0.60 0.38 0.89 0.80 19 13 23 21 21.7 22.5 21.7 22.3 443 462 430 463 151 161 135 143 50.6 54.3 42.0 433 0.58 0.37 0.86 0.77 19 13 24 22 4.83 5.00 4.73 4.84 21.2 21.2 21.7 483 5.00 4.73 4.84 21.2 21.2 21.7 |

24

EXPANDED COOLING DATA — GPC1460H41A* (cont.)

											00	TDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	ERATUR	ш	,				,				
			9	65			75				82				95				105		_		115		
										ш	ENTERING INDOOR WET	G INDO	OR WE		BULB TEMPERATURI	ATURE									
AIRFLOW		59	63	67	71	29	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
MBh	اء	58.3	59.6	63.7	68.1	57.0	58.2	62.2	66.5	55.6	26.8	60.7	64.9	54.3	55.4	59.2	63.3	51.5	52.7	56.3	60.1 4	47.7 4	48.8	52.1	55.7
S/T		0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77 (0.58	1.00 C	0.96	0.78 (0.58
ΔΤ	_	27	25	22	18	27	26	22	18	27	56	22	18	28	56	23	18	26	56	22	18	24	24	21	17
kW		3.77	3.85	3.98	4.11	4.07	4.16	4.30	4.45	4.34	4.43	4.58	4.74	4.57	4.68	4.84	5.00	4.77	4.88	5.05	5.23 4	4.95 5	5.06	5.24	5.42
An	Amps	16.0	16.3	16.8	17.4	17.2	17.5	18.1	18.7	18.5	19.0	19.6	20.3	19.8	20.2	20.8	21.6	21.0	21.4	22.1	22.9 2	22.1 2	22.7	23.4	24.2
포	HI PR	243	262	276	288	273	294	310	323	310	334	352	368	353	380	401	419	397	428	452	471 ,	439 4	473	499	520
의	LO PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170
Σ	MBh	9:95	57.9	61.8	66.1	55.3	56.5	60.4	64.5	54.0	55.2	58.9	63.0	52.7	53.8	57.5	61.5	50.0	51.1	54.6	58.4 4	46.3 4	47.4	50.6	54.1
S	S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	06.0	0.85	69.0	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74 (0.55 (0.98 C	0.91 (0.74 (0.56
◁	ΔТ	28	26	23	18	28	27	23	19	28	27	23	19	28	27	24	19	28	27	23	19	56	25	22	17
~	kW	3.73	3.82	3.94	4.08	4.03	4.13	4.26	4.41	4.30	4.40	4.55	4.70	4.53	4.64	4.80	4.96	4.73	4.84	5.01	5.18	4.90 5	5.02	5.19	5.37
Ā	Amps	15.8	16.2	16.7	17.2	17.0	17.4	17.9	18.6	18.4	18.8	19.4	20.1	19.6	20.0	20.7	21.4	20.8	21.3	21.9	22.7	21.9 2	22.5	23.2	24.0
티	HI PR	241	259	273	285	270	291	307	320	307	331	349	364	350	376	398	415	394	423	447	466	435 4	468	494	515
의	LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168
≥	MBh	52.3	53.4	57.1	61.0	51.0	52.2	55.7	59.6	49.8	50.9	54.4	58.2	48.6	49.7	53.1	26.7	46.2	47.2	50.4	53.9 4	42.8 4	43.7	46.7	49.9
S	S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.48	0.87	0.82	99.0	0.50	0.90	0.84	69.0	0.51	0.93	0.87	0.71 (0.53 (0.94 C	0.88	0.72 (0.54
7	ΔТ	28	27	23	19	28	27	24	19	28	27	24	19	29	27	24	19	28	27	24	19	26	25	22	18
~	kW	3.64	3.72	3.84	3.97	3.93	4.02	4.15	4.29	4.19	4.28	4.43	4.58	4.42	4.52	4.67	4.83	4.61	4.71	4.88	5.05	4.78 4	4.89	5.05	5.23
Ā	Amps	15.4	15.8	16.2	16.8	16.6	17.0	17.5	18.1	17.9	18.3	18.9	19.6	19.1	19.5	20.1	20.8	20.2	20.7	21.3	22.1 2	21.4 2	21.9	22.6	23.4
키	HI PR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452 '	422 4	454	479	200
2	LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163

			1800							85 1600							1400			
MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	I O DR
59.3	0.93	28	3.80	16.1	245	111	57.6	0.89	59	3.77	16.0	243	110	53.2	0.86	30	3.67	15.6	236	107
60.5	0.90	28	3.88	16.5	264	118	58.7	0.86	29	3.85	16.3	262	117	54.2	0.83	30	3.75	15.9	254	110
63.3	0.81	56	4.01	17.0	279	129	61.5	0.78	27	3.98	16.8 17.4	276	128	56.8	0.75	28	3.88	16.4	268	10,4
9.29	99.0	23	4.14	17.5	291	137	9.59	0.63	24	4.11	17.4	288	136	9.09	0.61	24	4.01	17.0	279	,,,
58.0	0.97	29	4.10	17.3	275	117	56.3	0.92	30	4.07	17.2	273	116	51.9	0.89	30	3.97	16.7	265	7,7
59.1	0.93	28	4.20	17.7	296	125	57.4	0.89	59	4.16	17.5	294	124	52.9	0.86	30	4.05	17.1	285	0,00
61.9	0.84	27	4.34	18.2	313	136	60.1	0.80	28	4.30	18.1	310	135	55.4	0.78	28	4.19	17.6	301	1,0,1
0.99	0.68	23	4.48	18.9	326	145	64.1	0.65	24	4.45	18.7	323	144	59.2	0.63	24	4.33	18.2	314	0,7
9.99	0.99	29	4.37	18.7	313	122	54.9	0.95	30	4.34	18.5	310	121	50.7	0.91	30	4.23	18.1	301	177
57.7	96.0	28	4.47	19.1	337	130	56.0	0.91	29	4.43	19.0	334	128	51.7	0.88	30	4.32	18.5	324	7.7
60.4	98.0	27	4.62	19.7	356	142	58.6	0.82	28	4.58	19.6	352	140	54.1	0.79	28	4.47	19.1	342	120
64.4	0.70	23	4.78	20.4	371	151	62.6	0.67	24	4.74	20.3	368	149	57.7	0.64	24	4.62	19.7	357	1 1 1
55.2	1.00	28	4.61	19.9	357	128	53.6	0.98	30	4.57	19.8	353	127	49.5	0.94	31	4.45	19.2	343	,,
56.3	0.99	28	4.72	20.4	384	136	54.6	0.94	30	4.68	20.2	380	135	50.4	0.91	30	4.56	19.7	369	121
58.9	0.89	27	4.88	21.0	405	149	57.2	0.85	28	4.84	20.8	401	147	52.8	0.82	28	4.71	20.3	389	1.40
67.9	0.72	23	5.05	21.8	423	158	61.0	69.0	24	5.00	21.6	419	157	56.3	0.67	25	4.87	21.0	406	1.7
52.4	1.00	27	4.81	21.1	401	134	50.9	1.00	29	4.77	21.0	397	133	47.0	0.98	30	4.65	20.4	386	120
53.5	1.00	27	4.93	21.6	432	143	51.9	0.98	29	4.88	21.4	428	141	47.9	0.94	30	4.76	20.9	415	127
26.0	0.93	56	5.09	22.3	456	156	54.4	0.88	28	5.05	22.1	452	154	50.2	0.85	28	4.92	21.5	438	7 1
59.7	0.75	23	5.27	23.1	476	166	58.0	0.72	24	5.23	22.9	471	164	53.5	0.69	24	2.09	22.3	457	7
48.6	1.00	25	4.99	22.3	444	139	47.2	1.00	27	4.95	22.1	439	137	43.5	0.99	28	4.82	21.5	426	,,
49.5	1.00 (25	5.10	22.9	477	148	48.1	0.99	27	5.06	22.7	473	146	44.4	0.95	28	4.93	22.1	458	,
51.9	0.93 (25	5.28	23.6	504	161	50.3	0.89	26	5.24	23.4	499	160	46.5	0.86 (56	5.10	22.8	484	7 1 1
55.3	0.76	21	5.47	24.5	526	172	53.7	0.72	22	5.42	24.2	520	170	49.6	0.70	23	5.28	23.6	505	101

ons. $kW = total \ system \ power$ Amps. Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects AHRI (TVA) conditions.

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

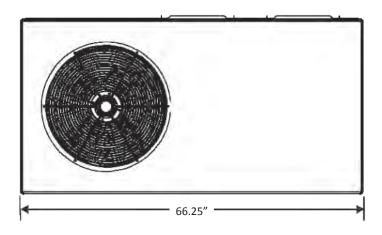
	CIRCU	JIT #1	CIRCU	JIT #2	ACTUAL KW /
MODEL AND HEAT KIT USAGE	MCA ¹	MOD ²	MCA ¹	MOD ²	BTU@ 240V
GPC1424H41*	1.5 / 1.5				
HKR-05*, HKR-05C*	24 / 27	30/30			4.75 / 16,200
HKR-08*, HKR-08C*	33 / 38	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	45 / 51	60 / 60			9.5 / 32,400
GPC1430H41*	2.4 / 2.4				
HKR-05*, HKR-05C*	24 / 27	30 / 30			4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	45 / 52	60 / 60			9.5 / 32,400
HKR-15*, HKR-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1436H41*	2.4 / 2.4				
HKR-05*, HKR-05C*	24 / 27	30 / 30			4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	45 / 52	60 / 60			9.5 / 32,400
HKR-15*, HKR-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1442H41*	3.9 / 3.9				
HKR-05*, HKR-05C*	25 / 27	30 / 30			4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	46 / 52	60 / 60			9.5 / 32,400
HKR-15*, HKR-15C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*,HKR-20C*	46 / 52	60 / 60	43 / 49	60 / 60	19.5 / 66,500
GPC1448H41*	3.9 / 3.9				
HKR-05*, HKR-05C*	25 / 28	30 / 30			4.75 / 16,200
HKR-08*, HKR-08C*	34 / 40	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	46 / 53	60 / 60			9.5 / 32,400
HKR-15*, HKR-15C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*,HKR-20C*	46 / 52	60 / 60	43 / 49	60 / 60	19.5 / 66,500
GPC1460H41*	6.0 / 6.0				
HKR-05*, HKR-05C*	26 / 30	30 / 30			4.75 / 16,200
HKR-08*, HKR-08C*	36 / 40	40 / 40			7 / 23,800
HKR-10*, HKR-10C*	48 / 54	60 / 60			9.5 / 32,400
HKR-15*, HKR-15C*	48 / 54	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*,HKR-20C*	48 / 54	60 / 60	43 / 49	60 / 60	19.5 / 66,500

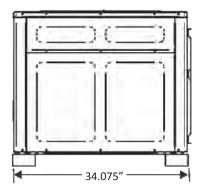
¹ Minimum Circuit Ampacity @ 208 / 240V

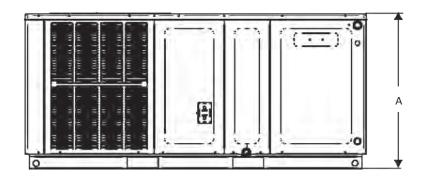
² Maximum Overcurrent Protection (amps) @ 208 / 240V

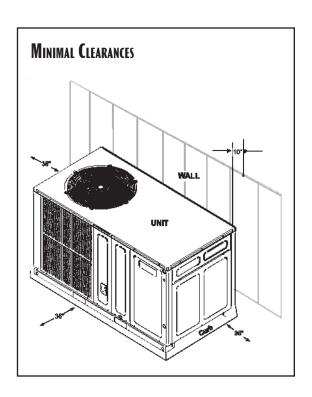
^{*} Indicates revision letter that may or may not be designated

DIMENSIONS





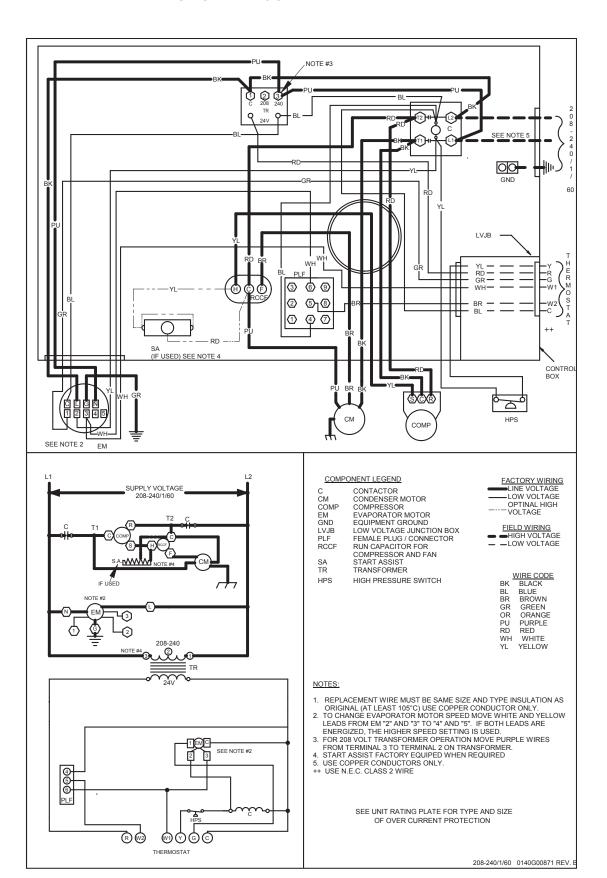




A DIMENSIONS

MODEL	CHASSIS SIZE	HEIGHT
GPC1424 GPC1430	SMALL	30"
GPC1436 GPC1442	MEDIUM	35″
GPC1448 GPC1460	LARGE	38¾"

WIRING DIAGRAM — GPC1424-60H41AA



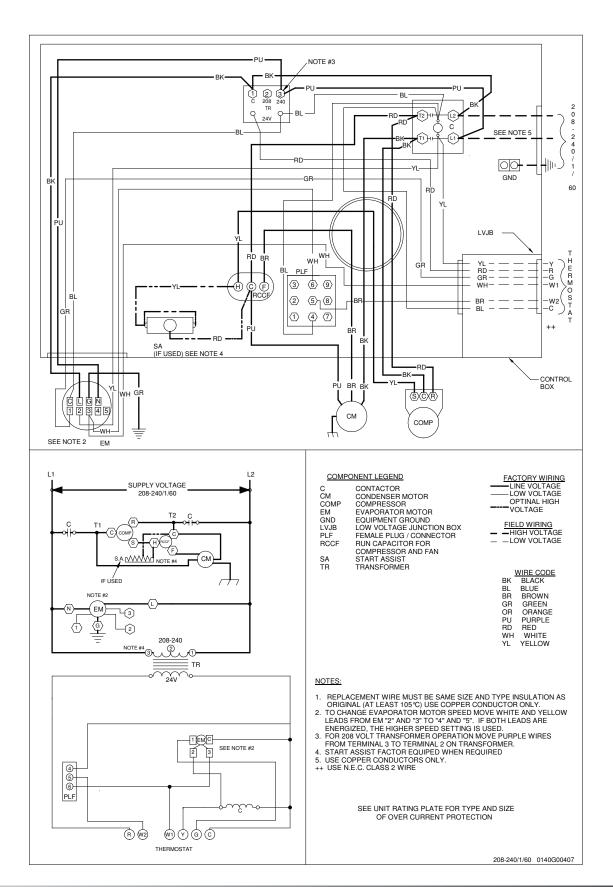
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

MARNING High Voltage:



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WIRING DIAGRAM — GPC1424-48H41AC



High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

Accessories

ITEM	DESCRIPTION
OT/EHR18-60	Emergency Heat Relay kit
OT18-60A	Outdoor Thermostat Kit with Lockout Stat
PCCP102/103	Roof Curb for Medium/Large Chassis
PCE102/103	Downflow Economizer for for Medium/Large Chassis
PCEF102/103	Elbow & Flashing w/ R-8 Liner for Medium/Large Chassis
PCFR102/103	External Horizontal Filter Rack for Medium/Large Chassis
PCMD102/103	Manual Damper for Medium/Large Chassis
PCMDH102/103	Manual Damper for Medium/Large Chassis — Horizontal Applications
PCMDM102/103	Motorized Damper for Medium/Large Chassis
PCP102/103	Downflow Plenum Kit for Medium/Large Chassis
PCP102/103R8	Downflow Plenum Kit for Medium/Large Chassis
SQRPC101	Square-to-Round Adapter for Small Chassis — 16" Rounds
SQRPC102-103	Square-to-Round Adapter for Medium/Large Chassis — 18" Rounds
SQRPCH101	Square-to-Round Adapters Small Chassis for Small Chassis — 16" x 14"
SQRPCH102-103	Square-to-Round Adapters for Medium/Large Chassis — 18" x 14"

Notes

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